

NEUROMIME NETWORK SIMULATOR

APPENDIX II
NEUROMIME SIMULATOR OUTPUT

JAMES FLAUGHER

THE SERVICE BUREAU CORPORATION

SEPTEMBER 1966

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FOREWORD

This report covers work done by The Service Bureau Corporation, 425 Park Avenue, New York, New York, under Contract No. AF 33(657)-11194 with the Aerospace Medical Research Laboratories. The work was performed in support of Project 7233, "Biological Information Handling Systems and Their Functional Analogs," Task 723304, "Neural Networks." Lt. Colonel Jack E. Steele, MC, USAF, of the Biomedical Laboratory, was the technical contract monitor of the Aerospace Medical Research Laboratories.

The principle Service Bureau personnel were Dr. Hanan Rubin and Mr. Frank Gracer, simulation research and development; Mr. Kenneth Orr, simulation conversion to existing systems; and Mr. James Flaugher, simulation analysis and modification. The work was begun 19 March, 1963 and completed 15 April, 1966

This technical report has been reviewed and is approved

J. W. Heim, PhD. Technical Director Biomedical Laboratory Aerospace Medical Research Laboratories

ABSTRACT

Because of the large number of network combinations and parameter variations possible in a Steele neuromime network, a program for simulating the nets on a digital computer is being developed to aid in determining the most efficient nets for specific tasks. The results of the investigation of network and parameter variations may then be used as the restraints and design criteria for neuromime devices with specific signal recognition capabilities. The simulation provides as a tool, a means of generating randomly connected networks with desired statistical restraints and a training phase which alters the network in such a manner as to force the actual response closer to the desired response. The generalized nature of the nets used is the essence of the research effort. Appendix II contains the neuromime simulator output.

APPENDIA II

NEUROMIME SIMULATOR OUTPUT

(Note: I'he following are working outputs and contain handwritten comments and notations.)

LIST 1

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9 132835 0 $SETUP A(4) DISK, 1327
9 132835 0 $SETUP A(9) DISK, 1327
9 132835 0 $SETUP B(1) DISK, 226
9 132835 0 $ATEND 00000,77777.6, DUMP
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9 133810 0 END OF INPUT. SIMULATION COMPLETE.
9 133810 0 RESTART WRITTEN, LIFT SS2 AND PRESS START TO CONTINUE.
9 133813 0 $185YS
9 133814 U $STOP
 9 133814 0 PERIPHERAL FILE POSITIONS AT END OF JOB
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9 133010 0 END OF INPUT. SIMULATION COMPLETE.
9 133010 0 RESTART MRITTEN, LIFE SSZ AND PRESS START TO CONTINUE.
9 133010 0 SIBSYS
9 133014 0 SSTOP

9 133014 0 PERIPHERAL FILE POSITIONS AT END OF JOB
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	NETSIM Assembled text.				11/19/65	PAGE 7
	00162 0400 00 0 00214 00163 0671 00 0 00156 00164 0500 00 0 00157 00165 0400 00 0 00157 00166 0621 00 0 00157 00167 2 00001 2 00155 00170 0441 00 0 03554 00171 0054 00 00001 00172 0020 00 0 00216 00173 0056 00 0 00004 00174 0020 00 0 00404 00175 0500 00 0 00556 00177 0020 00 0 00216 00177 0020 00 0 00556	10001 10001 10001 10001 10001 10001 10000 10000 10001 10001 10001 10001 10001 10001	ADD STA CLA STA STA TIX LOI RFTA TRA TRA STO TRA CLA	FOUR FFL2 FFL3 C10 FFL3 FFL1,2,1 INDICT 10 SCHED 4 4+4 XITRY MITRY SCHEO M3M	MDDE2	LNK40103 LNK40104 LNK40105 LNK40106 LNK40107 LNK40109 LNK40110 LNK40111 'NK40111 LNK40111 LNK40114 LNK40115 LNK40115
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	000.41	0020 00		0345	10001		TRA	pre-	H/	LMK40188
	00 34 2	0500 00		0401	10001		CLA	RESCT	YES-ADD 1 TO COUNT	LMK40189
	00343	0400 00		3324	10001		ADD	ME	· -	LNK40190
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	00345	0534 00			10001	M4	LXA	MINPS.4	HAVE M IMPUTS BEEN READ	LNK40192
	00346	4 00001		0352	10001		TNX	M4A,4,1	_	LNK40193
	60347	0434 00		0577	10001		SXA	MINPS.4	NO-READ WEN RECORD	LNK40194
	DC 150	0074 00	4 0	0424	10001		TSX	INPUT-4		L4K40195
	00351	0020 00	0 0	0641	10001		TRA	BEGIN		LNK40196
	00352	0534 00	2 0	0532	10001	M4A	LXA	44(M),2		
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			4 60424	10001		TSX	YCYCS+4 INPUT+4	READ NEW RECORD	LNK40	
			0 00601	10001		STZ	RESCT	KEMP NEW KECOKD	LNK40	
			0 00576	10001		STZ	TOTAL		LNK40	
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			4 00001		0000311	XEC	1.4	CLA NUMBER OF INPUTS		
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BINARY	CARD I	D. NETS!	M19							
	00404	4760 00	0 00144	10000		SLT	4			
	00405		0 00401				++3	ONE RECORE INPUT		
			0 00144	10000		SLN	•	SEN-THO RECORD INPUT-RESET DOUBLE NO. OF INPUTS FOR RECORD COUNT		
			4 00001			ADD+		DOUBLE NO. OF IMPUTS FOR RECORD COUNT		
		0000000	2 00000			PAX	0,2			
			4 07000		BACK	LALL	.FBST.(222)			
			0 00403							
			0 00451							
			0 00423	10001						
			0 30047	10000		CLA	SKIP			
			0 03324	10001		SUB	ONE			
			0 30047			STO	SKIP			
			2 00411	10001		TIX	BACK, 2, 1			
			4 00000		OUTBSR		**,4			
			0 04001	10000	222	TRA PZE	2+4 FILE2			
			4 00451		INPUT		IDTRA.4	READ NEXT RECORD FROM	I NK40	225
			00000	00010			.FWRD. (.UNO6.	*TCYCL) * 7000*		
						•	•			
BINARY		D. NETSI								
			4 10400							
			0 00404							
			0 15530							
			0 14000	10011						
			0 00542			CLA	A(2)			
			4 14400			TSX	.FCNV.,4			
			0 00544	10001		CLA	C(2)			
			4 14400	10011		TSX	.FCNV.,4			
	00436	0500 00	0 00545	10001		CLA	0(5)			

NETSIM ASSEMBLED TEXT. 11/19/65 PAGE 11 00437 0074 00 4 14400 00440 00000000000 00441 1 00000 0 05400 00442 0 27051 0 15530 00443 0074 00 4 13400 00444 0 00212 0 4001 00445 0 00046 0 00500 00446 2 00460 0 27046 10011 00010 10011 10011 10000 10110 10110 10101 10000 ICUMM .FCNV..4 .FFIL.'7000' .READ,4 FILEZ,,EOBZ EDT,,IREAD NOCNT,,256 L NK40227 L NK4022B

2.30

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200000000001
20000000001
20000100000
7073000431
454762137346
210273036773
2732605237
285213734601
227305677310
305231652431
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K20
TCYCL
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ASSEMBLED TEXT.
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                                                                                                                                                                                                                                                                                                                                                                             PAGE 13
                          00575 23e313734601
00574 C201e1018134
04575 0 00000 0 00000
00576 0 00000 0 00000
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LYK40256
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31WA4* C123 IC. NETSIR26
0:477 3 00000 0 00000
00001 3 00000 0 00000
00001 3 00000 0 00000
00001 740111360031
00004 903145476463
00005 61446242561
00006 616161346060
00007 740467306051
0001 213162256062
00011 312745602231
00012 21316225606000
00013 45256736031
00013 254725216360
00014 92567360031
                                                                                                                                                                                      INDEX FOR M3(M)
INDEX FOR M3(M)
CORRECT RESPONSE COUN?
5.(19M ILLEGAL INPUT MODE////)
                                                                                                                                                                                                                                                                                                                                                                                       LNK40257
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LNK40259
LNK40261
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                                                                                                                                  NCYCS
RESCT
BCDC
                                                                                                                                   BCDD
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                                                                                                                                                                                       9,147H RAISE SIGN BIT TO REPEAT NEXT INPUT, HIT START/// LNK40262
                                                                                                             10000
                                                                                                           10000
10000
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LNK
                           00520 613460606060
00621 740202346031
                                                                                                                                                                                       1,/)
7,(22H INPUT TAPE UNREADABLE////)
                                                                                                                                  BCDE
#INARY CARC [0. %ETS1427

90522 *54764638063

91523 214725808445

91624 512521242122

91625 43256161610

91626 346026908060

90633 746131610306

91631 30022462460

91632 462360314547

91633 646333676231

91634 46443216331

91634 46443216331

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91635 464522333

91637 8061(1300134

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                                        METSIN
ASSEMBLED TEXT.
                                                                                                                                                                                                                                                                                                                                                                             PAGE 14
                                                                                                                                                                                                                                      SENSE SWITCH 1 OPERATOR CONTROL OF INP
SENSE SWITCH 2 UP DU NOT CONVERT INPUT
SENSE SMITCH 2 DOWN — CONVERT INPUT
SENSE SMITCH 2 DOWN — CONVERT INPUT
SENSE LIGHT 1=NEGATIVE G-SET
SENSE LIGHT 7=CORRECTNESS OF DUTPUT
INDICATOR BIT 2=OMIT I COMPUTE FOR
ITERATION
INDICATOR BIT 3=INPUT MODE 1
INCICATOR BIT 4 = INPUT MODE 2
INDICATOR BIT 5 = INPUT MODE 3
INDICATOR BIT 6 = INPUT MODE 3
INDICATOR BIT 6 = INPUT MODE 4
INDICATOR BIT 7 ON=MANUAL CHANGE UF MS
8 ON:MANUAL CHANGE OF BIAS
9 ON = SUM. MODE FOR DECISION PROCEDUR
9 OFF=MAXIMUM MODE
10 ON=PRINT G-SETS
MAXIMUM NO. OF ITERATIONS
TRIALS FOR CONVERGENCE
SET IEVEL TO 1 FOR PRINTING
                                                                                                                                             NETORK STIMULATION PROGRAM
                                                                                                                                                                                                                                                                                                                                                                                      LNK40268
LNK40270
LNK40271
LNK40271
LNK40273
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LNK40275
LNK40276
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                                                                                                                                                                                                                                                                    SET LEVEL TO 1 FOR PRINTING
                                                                                                                                                                                                                                                                                                                                                                                        LNK40292
    BENAPY CAPE ID.
                                                        METSIMA
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00653
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INDICT
MS, 1
OLOMS
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0655 00 000100
0057 00 000200
0604 00 0 03554
0500 00 1 30055
0601 00 0 03355
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SIR
RIR
STI
CLA
STO
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                                                                                                             10001
                                                                                                             10000
                                                                                                                                    SAVEN
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LNK40294
                                                                                                             10001
                                                0600 00 1 30063
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BSS BSS OCT BCI

الدائلات

100000 09,(7H MEMPS=,012,5x,7H MCYCS=,012,5x,8H INDICT=,012////)

à. **体**: ' 。

一年 全

\$[MARY	00670 00671 00672 00673 00674 00675	0500 00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	01215 01314 03336 00000 03334 33343 00000 00725 00726 33343 03343 03343 03366 00000 03551	10000 10001 10001 10000	ZITER LEVIR BECUM	CLA STO STO STZ AXT STZ AXT SXA CLA ADD STO CLA PDX SXA SXA TXI SXA TXI SXA TXI SXA TXI SXA SXA SXA SXA SXA SXA SXA SXA SXA SXA	VOPP REVER! REVER? TRIAL 200.2 OSUM COMCT 0.6 AXT2.2 LEV1.1 COMCT ONE COMCT XANDY.2 0.4 AXT3.4 +1.2,-12 0.4 XXXX,4	1	RESET LEVEL ITERATIOM COUMTE BEGINNING OF LEVEL(2STCOMP) INITIALIZE OF OUTPUTS BEGINNING OF COMPONENT SAVE 'EVEL NUMBER SAVE YYYY SAVE MO. OF PRIMARY LINES INDEX PAST 12 MORDS NUMBER OF STATE LIMES SAVE XXXX	R LNK 40295 LNK 40296 LNK 40297 LNK 40299 LNK 40300 LNK 40301 LNK 40302 LNK 40303 LNK 40304 LNK 40305 LNK 40305 LNK 40306 LNK 40306 LNK 40306 LNK 40306 LNK 40306 LNK 40306 LNK 40306
	AS	NETSIM SEMBLED TEXT	r .					11/	19/65	PAGE 15
	00700 00701 00702 00703 00704 00705 00706 00707	1 00001 1 0 0500 00 1 3 0737 00 1 0 0560 60 2 3	00745 03554 00002 00401 30066 00000	10001 10001 10001 10000 10011 10000 10000	SSUM	STZ TXL LDI RFT TXI CLA PAC LDO PO PAC LDO PO LD PO PAC LDO PO LD PO PO LD PO PO LD PO PO LD P	TSUM PRLIN,4.6 INDICT 2 +1,1.1 OVAL,1 O.1 LINE1,2 LINE1,2 TSUM,0		TEST FOR ZERO STATE LINES TEST I-COMPUTE BIT OUTPUT CALCULATED-TAKE NEW Y INGEX FOR DIRECT EFFECTIVE A	LWK40309 LWK40310 LWK40311 ALUE LWK40312 DDRESSLWK40313 LWK40314 LWK40315 LWK40316
BIMARY		D. NETSEM30 0601 00 0 0 1 77777 2 2 00001 4 0 0774 00 1 0 0560 00 0	00401 00707 00000 00000	10001 10011 10001 10000 10000	AXT2 LEVI	STO TXI TIX AXT AXT LOQ QMPYA	TSUM ++1,2,-1 SSUM,4,1 ++0,4 ++0,1 TSUM MS,1		BEGIANING OF COMPONENT LEVEL NUMBER	LNK40318 LNK40319 LNK40320 LNK40321 LNK40322 LNK40323 LNK40324
BINARY	CARD 1 00736 00737 00740 00741 00742 00743 00744	D. NETSIM31 0601 00 4 : 0441 00 0 0 0056 00 00 0020 00 0 0 4774 00 4 0 4634 00 4 0	03554 05002 00745 00000 00401	10000 10001 10000 10001 10000 10011 10001	AXT3	STO LDI RNT TRA AXC SXD TXI	SVAL,4 INJECT 2 PRLIN +00,4 ++1,4 OPUT,2,0+0		SAVE COMPUTED S TEST IF I IS COMPUTED NO. COMPUTE IT YES, INDEX TO NEXT COMPONENT BY-Y -NO. OF PRIMARY LINES(-Y)	LNK40325 LNK40326 LNK40327 LNK40328 LNK40329 LNK40330 LNK40331
	00745 00746 00747 00750 00751 00752 00753 00754	0560 60 2	01010 30054 00000 03335 01102 01020	10001 10001 10000 10000 10001 10001 10000	PRLIN	LXA TXL CLA PAC STZ CLA STO LDQ+ QMPYB QADDA	AXT3,4 OPUT,4,0 UVAL-10,1 O+1 TSUM I1ST ICHANG LINE1,2 LINE1,2 TSUM,0		LATE AND SAVE COMPUTED I VALUE NO. OF PRIMARY LINES TEST FOR ZERO PRIMARY LINES INDEX FOR DIRECT EFFECTIVE A VAL ON FIRST GUTPUTGARBAGE	LNK40332 LNK40333 LNK40334 LNK40335 LNK40335 LNK40337 LNK40339 LNK40339 LNK40339
BINARY	00767 00770 00771 00772 00773	0534 00 4 9 0534 00 1 0560 00 0	03335 00401 00754 00725 00726	10001 10011 10001 10001 10001	• CAL	STO TXI TIX LXA LXA LDQ QMPYA QADDB ULATE (TSUM ++1,2,~1 1SUM,4,1 AXT2,4 LEV1,1 TSUM MI,1 BIAS,1 D=S+1		GET REGINNING OF COMPONENT Get level number	L MX 40 34 1 L NX 40 34 2 L NX 40 34 3 L NX 40 34 4 L NX 40 34 5 L NX 40 34 6 L NX 40 34 6 L NX 40 34 8 L NX 40 34 9
BINARY	01007	ID. NETSIM33 0601 00 4 0534 00 4 0500 00 1	30305 00725	10000 10001 10000	DPUf	STO LXA CLA	TVAL,4 AXT2,4 OFLIP,1		SAVE COMPUTED I	LNK40350 LNK40351 LNK40352
	A	NETSIM SSEMHLEC TEX	τ.					11.	/19/65	PAGE 16
	01013 01014 01015 01016 01017	0621 00 0 0500 00 4	01037 00022 01026 30306 00401 00000	10001 10001 10000 10001 10000 10011 10000	ICHANG	ADD STA ARS STA CLA TOV NOP ALS	2NEXT OLD 18 NEW SVAL+4 ++1		GET ADDRESS UF OUTPUT OLD OUTPUT IN ADDRESS NEW OUTPUT IN DEFR	L NK4 0353 L NK 40354 L NK 40355 L NK 40356 L NK 40357 L NK 40358
	01022 01023 01024 01025	0120 00 0 4754 00 0 0100 00 0 0140 00 0 0601 00 4	00403 00000 00402 01136	10000 10011 10000 10011 10001	NEW	TPL PXD TZE TOV STO QATHO		SKIP S	SITIVE UVERFOLM ATURATION FOR NEGETIVE OVERFOLI STORF NEW OUTPUT VALUF ADD TO SUM	L NK 40361 L NK 40365 L NK 40366

i 3

	CARD 10. NE ISIN34							
	01034 0401 00 0 033	1000	1	012	DSUM .			
	01035 4520 00 0 0333 01034 007C 00 0 0109	6 1000	1	MZT	TREAL			LMK40367
	01037 0500 00 4 0000	ig 1000)			MRCOMP	SKIP CO	NVERGENCE TEST FORCE ITERATED	ON
	G1040 04G2 60 0 0102	4 10001	1	SU6+	NEW		COMPARE OLD VALUE	LMK40368
	01041 0560 00 0 0332 01042 0221 60 0 6103	3 10001	!	LDQ	ZERO		NVERGENCE TEST FORCE ITERATED COMPARE OLD VALUE WITH NEW VALUE COMPUTE (OLD-NEWI/OLD	LNK40369
	@1643 0760 00 0 0001	2 10000	9	DVP •	OLD		COMPUTE (OLD-NEWI/OLD	LNK40371
	01044 0020 00 0 0104	A 10001	i	70.4	OFF+1		ON	LNK40372 LNK40373 LNK40374 LNK40375
	01045 0131 60 0 0000 010 6 0760 00 0 0000	0 19000	OFF	XCA			111	LNK40373
	0104		,	226 226	EBCI N. A			LMK40375
						на	OFF AS DUTPUT CONVERGED	LM#40376
PIRACT	CARD ID. NETSIM35	2 10011					YES MO, SET SWITCH NO. GET NEXT ONE NO. OF TRIES TEST FOR FIRST ITERATION YES—SET BIT TO OMIT I COMPUTED	
	01055 0760 00 0 0014	2 10011 3 10060	; 1	IMI Sim	**2		YES	LNK40377
	01054 0500 QQ Z 3030	3 10000	KRCOM	CLA	NEXT.2		MG. SET SHITCH	L4K40378
	01057 0120 00 0 0066	4 10001		TPL	BECOM		NO.GET NEXT ONE	LMK40380
	01061 3 00000 4 0107	l 10001		TXH	TRIAL,4		NO. OF TREES	L4K40383
	01062 044; 00 0 0355	1000		LDI	INDICT		TEST FOR FIRST ITERATION	LNK40384
	01064 0500 00 0 00110	2 10000		SIR	2		YES-SET BIT TO OMIT I COMPUTED	1 14740284
	01065 0601 00 0 0102	10001		SYD	ICHANC			E-100.70.70.7
	0106e 0604 00 0 0355	10001		STI	INDICT			
	01070 0020 00 0 0040	10000		AXY	TRYS,4		SET UP LOOP	LNK40386
i	01071 4760 00 0 0014	10011	79 (TRA	**4		-	LMN 40 380
	01035 0050 00 0 01191	10001		TRA	STABL	IEST FOR	DESCRIPTION OF THE PROPERTY OF	
	DIU73 4 DOCOL 4 01104	10001		TMX	UNSTA,4,2	TEST FOR	MAXIMUM TRIFS FOR COMMERCENCE	LMK40382
•	4037 40 4 0533(10001		SXA	TRIAL,4		NOT ENOUGH	LNX40388
INARY (CARD ID- NEISTRAG						YES NO. SET SHITCH NO. GET NEXT OME NO. OF TRIES TEST FOR FIRST ITERATION YES-SET BIT TO OMIT I COMPUTED SET UP LOOP CO VERFENCE OFF-CONVERGENCE MAXIMUM TRIES FOR CONVERGENCE NOT ENOUGH REVERSE OFLIP	T TO 200
	CARC ID. WEISIR36 01075 0534 00 1 00722 01076 0560 00 1 30065 01077 4773 00 0 00022 01100 4600 00 1 30065 01101 0020 00 0 00664 01102 0500 00 4 30305	10001		LXA	LEY1.1		REVERSE OFLIP	
	VAUTO UDBO DO 1 30065 01077 4774 00 0 00022	10000		L DO	OFLIP,1			LNK40389 LNK40390
Č	D1100 4600 00 1 30045	10000		STO	DFLIP.I			LNK40391
9	01101 0020 00 0 00660	10001		TRA	LEVIR		START LEVEL AGAIN	
	01102 0500 00 4 30305 01103 0400 00 4 30305	10000	1151	CLA	IVAL,4		START CEVEL AGAIN	LNK40393
•	21102 0400 00 4 30303	10000	IZND	ADD	IVAL +4			
	WETSIM					11/19		
	ASSEMBLED TEXT.					11/14	7/0>	PAGE 17
_			. LEVL	. IS UU	NSTABLE. REDUCE	b c		
9	01104 0020 00 0 0110. 01105 0500 00 1 30055	10001						LNK40394
		10000	NW 21	CLA	MS.1			LNK40405
0	11107 0120 00 0 00402	10011		TPL	#31EP			LNK40406
Đ	1110 4754 DO D DOGGO	10000		BVD				
v				r AU	0.0			LNK40407
0	1111 0601 00 1 30035	IDOOO	UNISO	STO	0+0 MS+1		STURE NEW MS	LNK40408
ŏ	1113 000000000000	10000	UNISO	STO STO	0+0 MS+1 AAA		STURE NEW MS	LNK40408 LNK40409
0	1113 0000C0000000 1113 0074 00 4 03400	10000 10001 10011	UNS2	STO STO CALL	O-D MS-1 AAA BTOF'AAA,=5,AA	A)*2047*	STURE NEW MS	LNK40408
0	1113 0000C0000000 1113 0074 00 4 03400 1114 1 00C03 0 00405	10000 10001 00010 10011	UNISO	STO STO CALL	O,Ö MS.1 AAA BTOF'AAA,≈5,AA	A)*2047*	STORE NEW MS	LNK40408 LNK40409 LNK4G410
0 0 0	1113 0000C0000000 1113 0000C0000000 1113 0074 00 4 03400 1114 1 00C03 0 00405 1115 0 27051 0 03777	10000 10001 10011 10011	UNISO	STO STO CALL	O-Ò MS-1 AAA BTOF'AAA,=5,AA	A)*2047*	STURE NEW MS	LNK40408 LNK40409 LNK4G410
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0 0: 0: 0: 0:	1113 000000000000 1113 0074 00 4 03400 1114 1 00003 0 00405 1115 0 27051 0 03777 1116 0 00000 0 03546	10000 10011 10011 10000 10001	UNISO	STO STO CALL	O∘D MS∗1 AAA BTOF/AAA,≃5,AA	A)*2047*	STURE NEW MS	LNK40408 LNK40409 LNK4G410
0 0 0 0 0 0 0 0	1113 0000000000000000000000000000000000	1000 1001 1001 1001 1000 10001	UNS2					LNK40408 LNK40409 LNK4G410
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00 01 01 01 01 01 01 01	1113 0000000000000000000000000000000000	10000 10001 00010 10011 10000 10001 10001 10001 10001	UNS2					LNK40408 LNK40409 LNK40410 LNK40411
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00 00 00 00 00 00 00 01 01 01	1113 0000000000000000011113 0074 00 4 03400 11115 0274 00 4 03400 11115 0 27051 0 03777 1116 0 00000 0 03546 ARD ID. ht ISIN37 1117 0 00000 0 03546 1121 000000 0 03546 1121 0000000000000 1121 0074 00 4 10400 1123 0 27051 0 04004 1123 0 27051 0 04000 1124 0 00000 0 03124	10000 10001 00010 10011 10001 10001 10001 10011 10000 10011 10000	UNS2	CALL				LNK40408 LNK40409 LNK40410 LNK40411
00 00 00 00 00 01 01 01 01 01	1113 0000000000000000000000000000000000	10000 10001 10011 10011 10000 10001 10001 10001 10011 10000 10011 10000 10011	UNS2	CALL	.FWRD.(.UNO6.,			LNK40408 LNK40409 LNK40410 LNK40413
01 01 01 01 01 01 01 01 01	1113 0000000000000000000000000000000000	10000 10001 00010 10011 10001 10001 10001 10011 10000 10011 10000	UNS2	CALL CLA TSX	.FWRD.(.UNO6.,) LEVC7 .FCNV.,4			LNK40408 LNK40409 LNK40410 LNK40411
00 00 00 00 00 00 01 01 01 01 01 01 01	1113 00000000000000000011113 0074 00 4 03400 11114 1 00003 0 004005 11115 0 27051 0 03777 11116 0 00000 0 03546 ARD ID- nelsina? 1117 0 00000 0 03546 1120 0 00000 0 03546 1121 000000000000000 1121 0000000000000	10000 10001 10011 10011 10000 10001 10001 10011 10001 10011 10001 10011 10001 10011	UNS2	CALL CLA TSX CLA TSX	.FWRD.I.UNO6.,I LEVCT .FCNV.,4 AAA .FCNV.,4			LNK40412 LNK40413 LNK40412 LNK40413 LNK40413 LNK40414 LNK40415
00 00 00 00 00 00 00 01 01 01 01 01	1113 000 00 00000 1113 0074 00 4 03400 1114 1 00003 0 00405 1115 0 27051 0 03777 1116 0 00000 0 03546 ARD ID. ht ISIN37 1117 0 00000 0 03541 1120 0 00000 0 03546 1121 0074 00 4 10400 1122 1 00002 0 00404 1123 0 27051 0 04000 1124 0 3 0000 0 03124 1127 0074 00 4 14400 1128 0500 00 0 03342 1127 0074 00 4 14400 1131 0074 00 4 14400 1131 0074 00 4 14400 1132 0000000000000	10000 10001 10011 10011 10000 10001 10001 10001 10011 10000 10011 10001 10001 10001 10001 10001 10001	UNS2	CALL CLA TSX CLA	-FWRD-1-UNO6-,			LNK40409 LNK40410 LNK40411 LNK40411 LNK40412 LNK40412 LNK40413 LNK40414 LNK40415 LNK40416
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NETSIM ASSEMBLED TEXT.

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07e0 90 0 00003
0601 00 0 01522
0055 00 000004
0404 00 0 01527
0500 00 0 01527
0771 00 0 00001
0560 00 0 01534
0763 00 0 00000
0761 00 0 001527
0400 00 1 30063
0020 00 01535
0765 00 0 00000
0054 00 0 00000
                                                                                                                 10000
10001
10000
10001
10001
                                                                                                                                                                  SSP
STO
SIR
STI
STO
                          01303
C1304
G1305
G1306
O1307
O1310
O1311
O1312
O1313
O1314
O1315
                                                                                                                                                                                                RANGE
                                                                                                                                                                                                                                                      SET CONTROL FOR AJUSTA
                                                                                                                                                                                               BCONTL
BITER
                                                                                                                                                                 CLA
ARS
LDQ
LLS
NOP
STO
                                                                                                                                          LTER4
                                                                                                                                                                                                BITER
                                                                                                                 10001
10000
10001
10000
10000
10001
10000
10000
                                                                                                                                                                                                                                                      ITERATE IN 1/2 STEPS IN RANGE OF DB
                                                                                                                                                                                                DIFFZB
                                                                                                                                                                                                                                                     CHS INSERTED IF DB CHANGES INVERSELY
                                                                                                                                                                                               BITER
BIAS, I
AJ2
O
2
                           01316
01317
01320
01321
                                                                                                                                                                                                                                                     TO DOSUM.
                                                                                                                                                                    ADO
                                                                                                                                                                   LRS
                                                                                                                                          SMALCH
                                                                                                                                                                                                                                                  SAVE SIGN
BINARY CARD ID- NETSIM44
01322 0020 00 0 01326
01323 0500 00 0 03613
01324 0763 00 0 00000
01325 0020 00 0 01274
01326 0500 00 0 01530
01327 0400 00 1 30063
                                                                                                                                                                                                 SMALC2 GN
=0010000000000 SET DB=/128/, B(9)
0 ATTACH SIGN 0= DB
SET2 SAVE FOR MEXT INCREASE
DB1 TRUE B1AS VALUE
B1AS,1 DOUBLE DB1
                                                                                                                 16001
                                                                                                                                                                    TRA
                                                                                                                                                                                                SMALC2
                                                                                                                                          TRA
CLA
LLS
TRA
SHALCZ CLA
ADD
                                                                                                                 10001
10000
10001
10001
                                                                                                                                                                                                O
SET2
DR1
PIAS,1
                                                                                                                  10000
                                                                                                                                                                                                                                                                11/19/65
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                                        NETSIM
ASSEMBLED TEXT.
                         01330 0140 00 0 01470 01331 0020 00 0 01523 01332 0500 00 0 01523 01333 0054 00 000010 01334 0500 00 0 01215 01334 0601 00 0 01314 01337 0054 00 000010 01340 0020 00 0 1351 0134, 0055 00 000010 0134, 0055 00 000010 0134, 0050 00 0 0155 0134, 0505 00 000010 0134, 0505 00 000010 0134, 0506 00 0 01554 0134, 0500 00 0 01554 01343 0500 00 0 01530 01344 0760 00 0 00002
                                                                                                                1000i
1000i
1000i
1000i
1000i
1000i
1000i
1000i
1000i
                                                                                                                                                                                                TOBIGI
AJ2
CHGSIN
LO
NOPP
REVERI
                                                                                                                                           TOV
TRA
REVSIN CLA
RFT
                                                                                                                                                                   CLA
STO
                                                                                                                                                                    STO
RFT
TRA
SIR
STI
                                                                                                                                                                                                 REVERS
10
RESET
                                                                                                                                                                                                 10
BCONTL
                                                                                                                   10001
01344 0760 00 0 00002

BINARY CARD ID. NETSIR45
01345 0601 00 0 01530
01346 0767 00 0 00001
01347 0400 00 1 30063
01350 0020 00 0 01535
01351 0057 00 000010
01352 0604 00 0 01534
01353 0500 00 0 01530
01354 0760 00 0 00002
01355 0400 00 1 30063
01356 0601 00 1 30063
01357 0500 00 0 01530
01360 0760 00 0 00002
01361 0771 00 0 00001
01362 0601 00 0 01530
01363 0400 00 1 30063
01364 0020 00 01535
01365 0441 00 0 01524
01366 0601 00 0 01524
01366 0601 00 0 01524
                                                                                                                 10001
10000
10000
10001
10001
10000
10000
                                                                                                                                                                                                061
                                                                                                                                                                                                1
BIAS,1
AJ2
10
BCONTL
DB1
                                                                                                                                                                    RIR
STI
CLA
CHS
ADD
                                                                                                                                           RESET
                                                                                                                                                                                                                                                    ITERATE BETWEEN /2+DB1/
                                                                                                                                                                                                 BIAS, L
                                                                                                                   10000
10000
10000
10000
10000
                                                                                                                                                                     STO
CLA
CHS
ARS
STO
ADD
TRA
                                                                                                                                                                                                  081
                                                                                                                                                                                                 DAI
HIAS,I
AJ2
BCONTL
                                                                                                                   10000
                                                                                                                    10001
10001
10000
                                                                                                                                                                     LDI
STO
RFT
                                                                                                                                            ITER
                                                                                                                                                                                                   DIFF26
                                                                                                                                                                                                                                                       SAVE SIGN OF OSUM
01367 0054 00 000004

BINARY CARD ID- NETSIM46
01370 0020 00 0 01310
01371 0054 00 000002
01372 0020 00 0 01403
01373 0056 00 000001
01374 0020 00 0 01413
01375 0462 00 0 01523
01376 0560 00 0 01523
01377 4120 00 0 00403
01400 0162 00 0 00403
01401 0020 00 0 01332
01402 0162 00 0 01332
01403 6300 00 01530
01404 0771 00 00001
01405 0401 00 0 00001
01405 0402 00 1 J0063
01406 0402 00 1 J0063
01407 0750 00 0 00002
01410 0055 00 000002
01411 0054 00 0 01535
                                                                                                                                                                                                   ITER4
                                                                                                                                                                                                                                                       REDUCE LAST DB BY HALF
                                                                                                                    10001
                                                                                                                   10000
                                                                                                                   10001
10001
10001
10001
10001
                                                                                                                                                                                                   ITER2
                                                                                                                                                                                                                                                        AJUST HAS NOT BEEN CALLED YET
OVERFLOW AFTER IST PASS OF AJUST
TEST FOR CORRECT DIRECTION OF CHANGE
                                                                                                                                                                                                   İTERO
                                                                                                                                                                                                 TTERO
OSUMI
DIFF18
++3
++3
REVSIN
RFVSIN
DR1
                                                                                                                                             ITER1
                                                                                                                                                                                                                                                        BOTH POSITIVE-OK
DB1 SIGN WRONG-CHANGE SIGN T
                                                                                                                    10011
                                                                                                                    10001
                                                                                                                                                                     TOP
CLA
ARS
STO
SUB
                                                                                                                    10001
10001
10000
                                                                                                                                             ITER2
                                                                                                                                                                                                                                                        REDUCE DB1 BY HALF
                                                                                                                                                                                                   1
081
8[AS.1
                                                                                                                    10001
                                                                                                                                                                                                                                                        ADJUST BIAS TO REPRESENT
PLUS INITIAL BIAS=BIAS-OBI
                                                                                                                                                                                                                                                                                                                                                               DB1/2
                                                                                                                     10000
                                                                                                                    10000
                                                                                                                                                                                                   BCONTL
AJ2
                                           NETSIM
ASSEMBLED TEXT.
                                                                                                                                                                                                                                                                                                                                                                                                    PAGE 21
                                                                                                                                                                                                                                                                   11/19/65
  BINARY CARD ID. NETSIM47
01413 0601 00 0 01525
01414 0500 00 1 30063
01415 4100 00 0 01433
01416 0500 00 0 3344
01417 0/01 00 0 01526
01420 0500 00 0 36614
01421 0131 00 0 00000
01422 4754 00 0 00000
01423 0763 00 0 00003
01424 0763 00 0 00003
01425 0131 00 0 00000
                                                                                                                                                                                                  0SUM1 SAVE
BIAS,1
ITEM01 IST E
COMCT - CO
COMCT1 BIO)
-0377400000000 B(9)
                                                                                                                                                                                                                                                         SAVE SIGN OF DSUP OVERFLUN
                                                                                                                                          LTERO
                                                                                                                    10001
                                                                                                                                                                     CLA
TNZ
CLA
STO
CLA
XCA
PXD
OVP
                                                                                                                    10000
                                                                                                                                                                                                                                                         IST BIAS CHANGE THIS LEVEL - COMPONENTS THIS OVERFLOW
                                                                                                                    10001
10001
10001
10000
10000
                                                                                                                                                                                                   0.0
COMCT I
                                                                                                                                                                                                                                                         н(9)-8(0)=8(9),МQ
8(6)
                                                                                                                     10000
                                                                                                                                                                                                   OSUM1
```

Ç, .× 1

77.25

```
0763 U0 0 00000
0760 00 0 00002
0601 00 0 01530
0020 00 0 01535
0500 00 0 03334
0560 00 0 01525
4120 00 0 00403
                         01427
01430
01431
01432
                                                                                                           10000
10000
10001
                                                                                                                                                           LLS
CHS
STO
TRA
                                                                                                                                                                                      DB1
AJ2
                                                                                                           10001
                                                                                                                                    ITEROL CLA
LDQ
TMI
                                                                                                                                                                                      OSUMI
OSUMI
                                                                                                                                                                                                                                          MCRE OVERFLOW
TEST FOR SIGN CHANGE IN OVERFLOW
                          01433
                                                                                                           10001
BINARY CARD ID. NETSIM48
01436 0162 00 0 0
01437 0020 00 0 0
01440 0162 00 0 0
01441 0500 00 0
01442 0340 00 0 0
01443 0020 00 0 0
01445 0500 00 0 0
01445 0500 00 0 0
01446 0400 00 1
01446 0400 00 1
01450 0020 00 0 0
01452 0771 00 0
01453 0601 00 0 0
01453 0601 00 0 0
01454 0402 00 1
                                              0. NETSIM48
0162 00 0 00403
0020 00 0 01451
0162 00 0 01451
0500 00 0 03343
0340 00 0 01457
0020 00 0 01457
0020 00 0 01457
0020 00 0 01457
0020 00 0 01530
0400 00 1 30063
0140 00 0 01530
0771 00 0 01530
0701 00 0 01530
0702 00 0 01530
0701 00 0 01530
0701 00 0 01530
0701 00 0 01530
0701 00 0 01530
0701 00 0 01530
                                                                                                                                                                                                                                          SAME SIGN
REDUCE DBI-DIFFERENT SIGNS
                                                                                                            1001
                                                                                                                                                           TRA
TOP
CLA
'AS
ERA
TRA
                                                                                                                                                                                      TOBIG
TOBIG
COMCT
COMCTI
REVS
REVS
                                                                                                            1060
                                                                                                           10001
10001
10001
                                                                                                                                                                                                                                         SAME SIGN-COMPARE * COMP. IN SUM
TEST FOR DIRECTION OF CHANGE
WRONG-REVERSE SIGN OF DB1
UNDECIDED-TAY REVERSED SIGN
UK-MAKE DB1 LARGER
                                                                                                            10001
                                                                                                           10001
10000
10001
10001
10001
                                                                                                                                                                                     DB1
HIAS, I
BSAY
AJZ
DB1
                                                                                                                                                          CLA
ADD
TOV
TRA
CLA
ARS
STD
SUB
                                                                                                                                                                                                                                          REDUCE DB1 BY HALF
                                                                                                           10001
10000
10001
10001
                         01454
01455
01456
01457
01460
                                                                                                                                                                                      BIAS.1
                                                                                                                                                                                                                                          REDUCE BIAS BY HALF DBI
                                                                                                                                                           CHS
TRA
CLA
                                                                                                                                                                                      AJZ
DB1
1
                                                                                                                                                                                                                                          CHANGE SIGN OF DOL AND INCREASE THE BIAS BY TWO DOL
                                                                                                                                    *EVS
  BINARY CARD ID. NEISIMAS
                                              0. NETSIM49
0400 09 0 01530
0401 00 0 01530
0220 00 0 01332
0131 00 00000
0500 00 0 03614
0763 00 0 00000
0220 00 01535
0500 00 01530
0771 00 0 00001
0601 00 0 01530
0400 01 1 30063
0140 00 0 01535
                                                                                                                                                                                      DB1
REVSIN
                         01461
01462
01463
01464
01465
01466
01470
01471
01472
01473
01474
01475
                                                                                                            10001
                                                                                                                                                            400
                                                                                                                                                           STO
TRA
XCA
CLA
                                                                                                            10001
10001
10000
                                                                                                                                                                                        =0377400000000
                                                                                                            10001
                                                                                                            10000
                                                                                                                                                                                      O
AJ2
                                                                                                             10001
                                                                                                           10001
10000
10001
10000
10001
                                                                                                                                                           CLA
ARS
STO
ADD
TOV
                                                                                                                                    TOBIGL
                                                                                                                                                                                      BIAS, 1
TOBIGE
                                       NETSIM
ASSEMBLED TEXT.
                                                                                                                                                                                                                                                    11/19/65
                         01476 0500 00 0 01530
01477 0767 00 0 00001
01500 0601 00 0 01530
01501 0400 00 1 30063
01502 0140 00 0 01504
01503 0020 00 0 01535
                                                                                                          10001
10000
10001
10000
                                                                                                                                  O1EQO2 CLA
ALS
STO
                                                                                                                                                                                       081
                                                                                                                                                                                       1
D81
                                                                                                                                                                                       BIAS, L
TOBIGZ
AJZ
   BINARY CARD ID. NETSIMSO
                          CARD 1D. NEISTAND
01504 0500 00 0 03615
01505 0560 00 0 01530
01506 0763 00 0 00000
01507 0601 00 0 01530
01510 0020 00 0 01535
01511 000000000000000
                                                                                                                                                                                        -0377700000000
                                                                                                                                    TOBIG2 CLA
LDQ
LLS
STO
                                                                                                             10001
                                                                                                             10001
10001
10001
10001
                                                                                                                                                                                        081
                                                                                                                                                                                        O
DB L
                                                                                                                                                            TRA
CALL
                                                                                                                                                                                        .FWRD.(.UNG6.,BBIAS)
                                              000000000000

0074 004 10400

1 00002 0 00404

0 27051 0 01504

0 00000 0 14000

0 00000 0 03163

000000000000

0074 004 0 5400

1 00000 0 00402

0 27051 0 01505

0020 00 0 01401

0 00000 0 00000

0 00000 0 00000
                           01511
                                                                                                             10011
                                                                                                             10011
                                                                                                             10000
10011
10001
00010
10011
                                                                                                                                                                                        .FFIL.
                           01516
01516
01517
                           01527
01520
01521
01522
01523
01524
                                                                                                             10000
                                                                                                                                                                                        NETSIM+1
                                                                                                                                                                                        0
  01524 0 00000 0 00000

BINARY CARD ID. NETSIM51
01525 0 00000 0 00000
01526 0 00000 0 00000
01527 0 00000 0 00000
01530 0 00000 0 00000
01531 0 00000 0 00000
01532 0 00000 0 00000
01534 0 00000 0 00000
01534 0 00000 0 00000
01535 0601 00 1 30063
01536 0601 00 0 30554
01537 0441 00 0 03554
01540 0057 00 000000
01541 0044 00 0 03554
01542 0500 00 0 00541
01543 0400 00 0 03324
01544 0401 00 0 00541
01545 0500 00 0 00541
01545 0500 00 0 00541
                                                                                                                                   OSUM1 PZE
COMCT1 PZE
BITER PZE
DB1 PZE
DOSSUM PZE
PCENTB PZE
DIFF1B PZE
DIFF2B PZE
A STO
LDI
R1R
ST1
CLA
ADD
                                                                                                             10000
                                                                                                              10000
10000
10000
10000
10000
10000
                                                                                                                                                                                         BIAS. I
                                                                                                               10000
                                                                                                               10000
10001
10000
10001
10001
                                                                                                                                                                                                                                                                                                                                                                                             LNK40446
                                                                                                                                                                                           INDICT
                                                                                                                                                                                                                                          RESET FOR I-COMPUTED BECAUSE OF CALL TO
                                                                                                                                                                                                                                          ADJUST BYPASSING STABLE ..
                                                                                                                                                                                           ÍNDICT
                                                                                                                                                                                                                                         ICCREMENT BIAS CHANGE COUNTER
                                                                                                                                                                                          BIASCH
                                                                                                               10001
                                                                                                                                                               ADD
                                                                                                                                                                                          ONE
RIASCH
                                                                                                               10001
10001
10001
                                                                                                                                                                                         WEYS
                                                                                                                                                                                                                                                                                                                                                                                             LNK40447
LNK40448
                                                                                                                                                                                                                                                                       USE DRIGINAL MS
                                                                                                                                                                                                                                         TEST FOR BLAS CHANGE PRINTOUT
    BINARY CARD ID. NETSIM52
01550 4320 UU 0 00563
01551 0100 UU 0 00657
01552 0000000000
01552 0074 00 4 03400
01553 1 00003 0 00405
01554 0 27051 0 01537
                                                                                                                                                                                                                                         KEY 20 -- YES IF A ONE BIT
                                                                                                                                                                                           K20
ZITER
                                                                                                              10001
                                                                                                                                                               17F
                                                                                                                                      AJ3
                                                                                                                                                                                           STOF (AAA, =9, AAA)
```

E-1.

*

11/19/65

PAGE 23

01701

1001

METSIM ASSEMBLED TEXT.

01707 0074 00 4 05400	1001 t 1001 t 1000 t	CLA TSR CLA TSR CALL	PSHCTR .FCHV4 AAA .FCHV4 .FF IL.*2151*		LNE40510 LNE40511 LNE40512 LNE40513 LNE40514
01712 1 77777 1 00401 01713 3 00900 1 01463	110/0 11/01 ALZNS 1/011 10000	TEI TEM	**1,1,-1 PSMLP,1,*-*		LMX48515 LNX48514
NETSEM Assembled text.				11/19/55	PAGE 25
01714 0774 00 1 00000		AXT	v-0,1		LW40517
01715 4614 00 2 01732	11010 10001 10000	SAD LAC	0PE40.2	SET UP LOOP FOR STRING GET NEV ELEMENT	LM44518 LM44519
01717 1 00001 4 00401 01720 0560 00 4 03362	10011	txi LDO	**1,4,1 \$1818G,4	FOR COMPARISON	LMK40520 LMK40521
01721 06G0 00 4 03362 BINARY CARD 1D. VETSIMSB	10001	STZ	STRING.4		LMX44522
01722 0774 00 4 00000	10000 10001 CMP	AXI CLA	0,4 518146,4	INITIALIZE COMPARISON TEST COMPARISON MODE	LWK40523 LWK40524
01725 0054 00 000400	10001	LDI RFT ADD	INDICT 400 CHSUM	SUMMATION PODE-ADD ELTS	LM40525 LM40526
01727 0040 00 0 01754	10001 10001 10001	TLQ STU	FORGET CPSUM	TEST FOR FLX OR FORGET	LIMA9547 LIMA9529
01731 1 77777 4 00401 01732 3 00C00 4 01723	10011 10001 OPEND	TXI TXM	**1.41 CMP.4.**0	TEST FOR END OF STRING	LM40529 LM40530
91733 0074 00 4 10400 01734 1 00C02 0 00404 01735 0 27051 0 04177 01736 0 00000 0 14000 01737 0 00C09 0 03206 01740 0500 00 0 03240	10011 10009 10011 10001 10001 10001	CLA ADO STO TSX	JPSNUP OPSNUP OPSNUP	9C0C1)*21/5*	L964 6 531
BINARY CARD ID. NETSINS9	10000	e	S.B., CM		10040432
01747 1 00000 0 00402		CLA TSX CALL] M446 .FCMY_94 .FF3L.*2175*		LNK40532 LNK40533 LNK40534
01751 0500 00 0 03332 01752 0760 00 0 00147	10000	SLN	FPL 2		LMK40535
	00010 FORGET 10011 10011 10000	CALL	F1 .FmtD. t. U406	BCED1)*2184*	LNK40537 LNK40538
01762 0400 00 0 03324	10001	100 STO	ONE OPSNUP		
01764 0074 00 4 14409	10011	TSX	.FENV.,4		
61MARY CARD 1D. NETSIM60 01765 0500 00 0 27047 01766 0074 00 4 14400 01767 00000000000 01767 0074 00 4 05400 01770 1 00000 0 00402	1001E 00010 10011	CLA TSK CALL	1NUM .FC44.,4 .FF1L.*2184*		LNK40539 LNK40540 LNK40541
NETS IM Assembled text.				11/19/65	PAGE 76
	10000 10001	CLA	FPIN		L9K40542
01774 0500 00 0 03200	10001 F1 10001 10000	STA CLA	EG2 KFYS	TEST FUR G-MT CHANGE	LNK40543
01776 4320 00 0 03374 01777 4100 00 0 00716 02000 0774 00 1 00000 07001 0441 00 0 03554	10001 10001 10000 10001	ARS ANA TNZ AXT LDI	ONE SCHED 0+1 INDICT	GêT FIRST LEVEL	LNK40546 LNK40548 LNK40548 LNK40549
02003 0604 00 0 03554 02004 0500 00 0 03330	10000 10001 10001 10001	RIR STI CLA STO CLA	300 INDICT INEXT NTAG2 =1	GSUM-FOV SIGNAL INITTALIZE NETWORK ADDRESS	L 4840550 1 MR40551

BINARY CARD ID. NETSIM61 02007 0601 00 0 0247 02010 0500 00 0 0354 02011 0402 00 0361 02012 0734 00 4 0000 02013 0106 00 0 0247 02014 0634 00 4 0250 02015 0500 00 1 3006 02016 0621 00 0 0201 02027 4774 00 2 0000 02020 0560 00 1 0000 02020 0774 00 4 0000 02027 0634 00 4 0334 02030 4774 00 2 0001 02031 0500 60 0 0333 BINARY CARD ID. NETSIM62 02032 4734 00 4 03036 02033 0634 00 4 0220 02034 0734 00 4 0300 02035 0634 00 4 0200 02037 0634 00 4 0200	6 10001 6 10000 DG0 7 10001 0 10000 DG1 0 10000 DG2 1 4 10000 7 10001 3 10000 1 10001	SUB =! PAX	INITIALIZE STRING COUNTER INITIALIZE LEVEL COUNTER SAVE LEVEL COUNTER GET LOCATION OF OUTPUT F(** THIS LEVEL GET OUTPUT INDEX GET ALUE (+OR-) SET UP LOOPS FOR 4 G-SETS SAVE NO. OF PRIMARY LINES(Y) SAVE NO. OF STATE LINES(X) SAVE X FOR DITYISION SAVE LEVEL NUMBER	LNK40557 LNK40558 LNK40559 LNK40560 LNK40561
NETSIM Assembled text.			11/19/65	PAGE 27
02040 0500 00 1 3006 02041 0737 00 1 0000 02042 4774 00 2 0001 02043 0634 00 2 0207 02044 3 00000 4 0205 02045 0774 00 4 0000 02046 0634 00 4 0334 02047 0020 00 0 0217 02050 0600 00 0 0333 02051 0500 60 2 3030 02052 0140 00 0 0040 02054 4625 00 0 0343	6 10000 0 10000 4 10000 0 10001 0 10001 0 10001 7 10001 0 10001 5 10001 3 10000 1 10011 6 10000 2 10001	ALULATION OF MEAN (CLA OVAL, 1 PAC 0.1 AXC 12,2 SXA 063-6,2 TXH 063-1.4,6 AXT 2,4 SXA GSET,4 TRA DC STZ TSUH CLA* NEXT,2 TOV +1 ARS 6 STL OFLOC	INDEX FOR DIRECT EFF. ADDR. GFT INDEX OF 1ST INPUT LINE SAVE FOR FURTHER USE TEST FOR ZERO STATE LINES YES- SET UP LOOP FOR 2 PRIMARY GSETS INITIALIZE SUM ADD INPUTS	L NK 40571 L NK 40572 L NK 40573 L NK 40575 L NK 40575 L NK 40576 L NK 40576 L NK 40579 L NK 40581 L NK 40582 L NK 40582 L NK 40582 L NK 40588
BINAPY CARD 10. NETSIM63 02055 0400 00 0 0333 02056 0140 00 0 0255 02057 0601 00 0 0333 02060 1 77777 2 0040 02061 2 00001 4 0205 02062 0131 00 0 0000 02063 4754 0 0 0000 02064 0220 00 0 0336 02065 0763 00 0 0000 02066 4600 00 0 0336 02067 0774 00 4 0000 02070 0774 00 2 0000 02071 0600 00 0 0335 02072 0500 60 2 3030 02073 0402 00 0 0336 02074 0131 00 0 0000 0207	0 10000 DG3.5 0 10000 DG3.6 7 10001	ALULATE DG S 5 AXT	CLEAR AC FOR DIVISION 348-835=813 MEAN OF INPUTS NUMBER OF INPUT LINES INDEX OF NEXT INPUT LINE INITIALIZE SUM OF G-WEISHTS GET NEXT INPUT 1X-MEAN1	LNK40585 LNK40587 LNK40587 LNK40589 LNK40590 LNK40591 LNK40593 LNK40595 LNK40595 LNK40596 LNK40596 LNK40596 LNK40598 LNK40598 LNK40598 LNK40598 LNK40598 LNK40598 LNK40598
BINARY CARD ID. NETSIM64 02101 0131 00 0 0000 02102 0140 00 0 0040 02103 4625 00 0 0343 02104 0200 00 0 0335 02105 0763 00 0 0000 02106 0140 00 0 0255	1 10011 2 10001 5 10001 1 10000 7 10001	XCA TDV ++1 STL OFLOC MPY FACT,O LLS 1 TOV OFLOM GADDD NTAS2,O		L NK 4 0 603 L NK 4 0 605 L NK 4 0 605 L NK 4 0 607 L NK 4 0 608 L NK 4 0 609
BINARY CARD ID. NETSIM65 07126 0131 00 0 0000 02127 4620 60 0 0333 02130 0131 00 0 0000 02131 0760 00 0 0000 02132 0441 00 0 0355 02133 0054 00 00100 02134 0574 03 7 0235	1 10001 0 10000 3 10000 4 10001 0 10000	XCA SLO+ NT4G2 XCA SSP LDI INDI\ T RFT 1000 TSX SQGNT,7	STORE NEW G-WEIGHT	LNK40610 LNK40611 LNK40612 LNK40613
02142 06/1 00 0 0335 02143 1 77777 2 0040	5 7 1000i	QATHO GSUM,0 STO GSUM TXI ++1,2,-1	ADO TO SUM OF G-WEIGHTS	LNK40614 LNK40615 £NK40616

	AS	NETSIM SEMBLED TEXT.					11/19/65		PAGE 28
	02144	0500 60 0 03331 0441 00 0 03554	10001		CLA• LD1	NTAG2 ENDECT	CHECK FO	DR NEG. G-SET	LMX40617
SIMARY	CARO 1 02146 02147 02150 02151 02152 02153 02154 02155 02156 02157	D. NETSIM66 0054 00 002000 0020 00 0 00402 4120 00 0 02153 200001 4 02072 0020 00 0 02162 4625 00 0 02353 0070 00 0 02212 6 00001 4 02166 0441 00 0 03554 0055 00 002000 0664 00 0 03554 0057 00 002000 0604 00 0 03554 4625 00 0 02353 0020 00 0 02212 0534 00 4 03347	10000 10011 10001 10001 10001 10001 10001 10000 10001	DG5	RFT TRA TMI TIX TRA STL TRA LDI SIR STI TRA RIP STI STI STI TRA OF X OOR LXA	2000 ++2 DIFF1 DG4,4,1 DIFF2 NTRA NORM DG5,4,1 INDICT 2000 INDICT DG3,6 2000 INDICT NTRA NORM Y LINES GSET,4 ELSNO,4,1	END OF: NORMALI; TEST FOI NU-SET: GET NEX: END OF: NORMALI; TEST FOI DE COMPI	T INPUT LINE STATE (OR PRIMARY) LINE STATE (OR PRIMARY) LINE SOLITIVE G-SET RE G-WEIGHTS TO FOR NEG G-SET TINPUT LINE NEG G-SET RE G-WEIGHTS REND	LMK 40623 LMK 40626 LMK 40626 LMK 40627 LMK 40627 LMK 40628 I, MK 40629 LMK 40631 LMK 40632 LMK 40632
	02170	0534 00 1 03341	10001	PRE	LXA	OIX[FOR PRIMA LEVNO.1	TEAET W	JMBER	L NK40634 L NK40635
	02171 02172 02173 02200 02201 02202 02203 02204 02205 02206 02207 02210 02211	0601 00 0 03356 0534 00 1 03361 0500 00 1 30054 0737 00 1 00000 0704 00 4 00000 7 00000 4 02436 0634 00 4 02067 0634 00 4 02067 0634 00 2 02260 4634 00 2 02343 D. NETSIM6B 0534 00 2 03347 1 77770 2 00401 0500 60 0 03337 4340 00 0 03357 4340 00 0 03357 4340 00 0 03357 4340 00 0 03345 0020 00 0 02455		NOPRI FIND THE NORM	TXL SXA SXA XEC TRA OF A GG-	++1,1,-2 DG2 DG1 MTAG2,0 FACT LEVNO.1 DVAL-10.1 0,1 **** **** **** **** *** *** *** GS3.6 DG3.6 DG3.6 DG3.1 SET. FHIS ROUF TS IN A G-SET. NORM1,2 NORM4,2 GSET,2 *** *** *** *** *** *** *** *** *** *	LDO F(1) GET INDI FXO LEVEL M INDEX FI PREVIOU: NUMBER (I TEST FOI SAVE Y I SAVE Y I SAVE INDI CONSTANI GET INDI CONSTANI GET CONI COMPARE IF DIFFI GS ARE:	EX OF / JMBER JM OUTPUT OF S LEVELIPRIMARY!/P) DF PRIMARY LINES R ZERO PRIMARY LINES FOR ZND LOOP FOR DIVISION EX OF NEXT !/P LINE DG FOR PRIMARY !/P	L NK 40636 L NK 40637 L NK 40639 L NK 40640 L NK 40641 L NK 40643 L NK 40645 L NK 40645 L NK 40645 L NK 40645 L NK 40645 L NK 40645 L NK 40651 L NK 40653 L NK 40653 L NK 40655 L NK 40655 L NK 40657 L NK 40657 L NK 40657 L NK 40657 L NK 40656 L NK 40650 L NK 40660 L NK 40660 L NK 40660
	AS	NETSIM SEMBLED TEXT.					11/19/65		PAGE 29
	02226 02227 02230 02231 02232 02233 02234 02235	0765 00 0 00000 0522 00 0 02070 0600 00 0 03357 0600 00 0 02435 0500 60 0 03331 4320 00 0 03326 0340 00 0 03257 0162 00 0 02257 0167 00 0 02257 4100 00 0 00403	10001 10001 10001 10001 10000 10001	+ CON	XEC STZ STZ	O OF UNSATURATE DG3+6 GSUM NUGHTS NTAG2 MASK GSAT INCR +3	GET FIR RESET G COUNTER (CHECK G SATURAT IF DIFF		LNK40663 LNK40664 LNK40665 LNK40666 LNK40667 LNK40688 LNK40669 LNK40670 LNK40671
BINARY	02237 02240 02241 02242 02243 02244 02245 02246 02247 02250	0500 00 0 02435 0400 00 0 02610 0601 00 0 02635 0441 00 0 03554 0054 00 001000 0074 00 7 02354 0500 00 0 03112 02251 0601 00 0 03357 1 77777 2 00401	10001 10001 10011	INCR	TOP TRA STO CLA ADD STO LDI RFT TSX CLA OATWO STO TXI	**2 INCR SGMT NUGMTS *1 NUGMTS INDICT 1000 SCGMT,7 SCGMT GSUM-0 GSUM **1,2,-1	DIFF -, COUNT OF GS IN S	RO, DIFF +, UNSATURATED G-MT IS ZERO, SATURATE UP DADD TO SUM	ED LNK40674 LNK40675 LNK40676 LNK40677
BINARY	02261 CAPD 1 02762 02763 02764 02765 02766	0522 00 0 02070 0500 60 0 03331 4320 00 0 03326	10001 10001 10001 10001 10001 10001 10000	NORM1	STO STZ XEC	GSUMI GSUM GSUM GSUM HGSUM HGS	GET SIG	F FIRST 1/P LINE N OF DIFFERENCE WITH SATURATION PT.	LNK40678 LNK40683 LNK40685 LNK40686 LNK40688 LNK40689 LNK40689

BINARY	02272 02273 02275 02276 02277 02300 02301 02302 02303 02304 CARD [02305 02306 02306 02307 02310	0162 00 0 02334 0162 00 0 02334 4100 00 0 00403 0162 00 0 00403 0566 00 0 03334 0566 00 0 03323 0441 00 0 03554 0054 00 001000 0074 00 7 02365 0765 00 0 00006 0221 00 0 00006 0221 00 0 000012 D. METSIN71 0074 00 6 02430 0200 00 0 03351 0763 00 0 00006 0401 60 0 03331 4140 00 0 00403	10001 10001 10011 10011 10001 10001 10000 10000 10000 10000 10000 10001 10000 10001 10000 10001		TOP TOP TOP TNZ TOP TRA LDQ LD1 RFT TSX DVP DCT TSX MPY LLS ADM- TNO	NGRM3 NGRM3 ++3 ++2 NGRM3 ZERD 1MDICT 1000 DLTSQG,7 6 GSUM1 GNG,6 DIFF 6 NTAG2 ++3	SATURATED SATURATED INSAT UNSAT SAT UNSATURZTED-ADJUST B(7) (B6) ALWAYS GREATER THAN GWT-H(0) B(6)-B(0) = B(6) G(1) D-GWT ADD INCREMENT GWT IS REAL NOT MODULAR	L NK 40691 L NK 40692 L NK 40693 L NK 40695 L NK 40695
	AS	NETSIM SEMBLED TEXT.					11/19/65	PAGE 30
	02312 02313 02314 02315 02316 02317 02320 02321 02322 02323 02324 02325 02326	4120 00 0 02322 0500 00 0 30053 4120 00 0 02322 4320 00 0 33053 0500 00 0 30053 0500 00 0 00053 0120 00 0 00403 0120 00 0 00402 4754 00 0 00000 0560 40 0 03331 0763 00 0 00000 4620 60 0 03331	10000 10011 10011 10000	CONT SETOZE	CAS CLA TRA TPL PXD LDO•	SETOZE GSAT SETUZE MASK GSAT 0-3 0-2 0,0 NTAG2	IS NEW G OVER SATURATED YES-SET TO MAXIMUM EQUAL TO MAX TEST FOR ZERO RECOVER ORIGINAL SIGN STORE NEW G VALUE	LNK4 6 LNK40700 LNK40701 LNK40702 LNK40703 LNK40706 LNK40707 LNK40707 LNK40700
BEMARY	CARD 8 02330 02331 02332 02333 02341 02342 02343 02345 02345 02346 02347	D. NETSIN72 0760 00 0 00003 0441 00 0 03554 0054 00 001000 0074 00 7 02354 0001 00 0 03357 1 77777 2 00401 3 00000 2 02265 0020 00 0 02214 4534 00 2 02260 0634 00 2 0270	10000 10001 10000 10001 10011 10001 10001	NOR#3 NOR#4 NOR#4	SSP LDI RFT TSX QATWO STO TXI TXH TRA	GSUM ++1,2,-1 NORM2,2,**0 NM NORM1,2 DG3.6,2 GSET	ADD TO NEW SUM TEST FOR END OF G-SET YES-TEST NORMALIZATION STORE INDEX OF NEXT 1/P LINE WORK ON NEXT G-SET	LMK40710 LMK40731 LMK40712 LMK40713 LMK40715
	02351	0402 00 0 03324 0601 00 0 03347 4774 00 2 00001	10001 10001 10000	man 2	SUB STO AXC	ONE GS&T 1,2		L MK40719 1 MK40720 LNK40721
	02353 02354 02355 02357 02360 02361 02362 02363 02365 02366 02377 02371 02371 02373 02374 02375	0140 00 0 0040! 0771 00 0 00004 4625 00 0 03432 0760 00 0 03357 0400 00 0 03557 0140 00 0 02557 0020 00 7 00006	10000 10001 10001 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000	SQGWT DLTSQG	XCA MPYO TOV ARS STL SSP ADD TOV TRA	0+1 4 OFLOC SSUM OFLOW 6,7	RETIP4 SQUARE GWEIGHT 8(2)B(6) 8(6) 8(1) 8(2) GWEIGHT SQUARED SAVE DLD GWT SQUARED 8(8)/B(6) = B(2) 8(6)+B(2) 8(2)	LNK40722
		0400 00 0 03545	10011		ADD	AAA	DELTA GMT SQ + OLD GMT SG	
	AS	NETSIN SEMBLED TEXT.					11/19/65	PAGE 31
	02401 02402 02403 02404 02405 02405 02407 02410 02411 02412 02413 02413 02414 02415	4625 00 0 03432 0140 00 0 02557 4120 00 0 02322 0601 00 0 03546 0634 00 4 02426 00000000000000 0074 00 4 03400 1 00003 0 00405 0 27051 0 02365 0 00000 0 03546 0 00000 0 03546 00000000000000 0074 00 4 11000 1 00001 0 00403 0 27051 0 02366 0 00000 0 03566	10001 10001 10001 00010 10011 10001 10001 10001 10001 10001 10001 10001 10001		STL TOV TMI STO SXA CALL	OFLOC OFLOW STTUZE AAA SAVFOR,4 RTOF[AAA,=2,	NAA) CHAGE TO FLOATINT-POINT CET SQUARE ROOT	

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BINARY CARU ID. NEISIPTS
02417 0601 0U 0 U3546
02420 000000000000
02420 0074 0U 4 02000
02421 1 00002 0 U0404
02422 0 27051 0 02376
02423 0 00000 0 03546
02424 0 00000 0 03546
02425 0500 00 0 03546
02426 0774 00 4 00000
02427 0020 0U 0 02315
02430 4754 00 6 00000
02431 0560 0U 0 03621
02432 0221 0U 0 02435
02433 0140 0U 0 00401
02434 0070 0U 6 00001
02435 0 00000 0 00000
                                                                                               10001
00010
10011
                                                                                                                                                                 AAA
HPOINT(AAA,=1)
                                                                                                                                                                                                                          CHANGE TO BENARY POINT
                                                                                                 10011
                                                                                                  10000
                                                                                                 10001
                                                                                                                   CLA
SAVFUR AXT
TRA
                                                                                                                                                                                                           DELTA GWEIGHT
                                                                                                 10000
                                                                                                                                                                  CONT
                                                                                                                                                                                                     CONTINUE
                                                                                                 10001
                                                                                                                                                                 0+0
=02000000000000
                                                                                                 10000
                                                                                                                     GNG
                                                                                                                                          PXD
                                                                                                 10000
                                                                                                                                          LDQ
OVP
                                                                                                                                                                                                                                               18(1)
                                                                                                                                                                  1,6
                                                                                                 10000
                                                                                                 10000
                                                                                                                   NUGHTS PEF
                                                                                                                    NUGHTS PZE 0

DG OMPUTANTIONS FOR A COMPONENT ARE
FINSHED. GET MEXT COMPONENT.

ELEND AXT 0,2

CLA+ NTAG2

STA YTAG2

L
                                                                                                                                                                                                                                                                                                                                            LMK40726
LMK40727
LMK40728
LMK40729
                        02436 0774 00 2 00000 10000
02437 0500 60 0 03331 10001
02440 0621 00 0 03331 10001
                                                                                                                                                                                                                                      GET ADDRESS OF NEXT
COMPONENT, INITIALIZE
LUCATION USING IT
                                                                                                                                                                                                                                                                                                                                            LNK40730
    BINARY CARD ID.
                       CARD ID. WEFSIF76
02441 0621 00 0 02051
02442 0621 00 0 02077
02443 0534 00 1 03341
02445 0500 60 0 03331
02445 044: 00 0 03554
02446 0054 00 004000
02447 0020 00 0 02014
02450 0120 00 0 02014
02451 0534 00 4 02501
02452 6 00001 4 02454
02453 1 77766 1 02014
                                                   NETSIP76
                                                                                               10001
10001
                                                                                                                                                                 DG3
DG4
LFVNO,1
NTAG2
                                                                                                                                                                                                                                                                                                                                            LNK40732
LNK40733
LNK40734
                                                                                                                                         STA
LXA
CLA•
LDI
RFT
TRA
TPL
LXA
                                                                                                                                                                                                                                     TEST FOR "ND OF LEVEL
                                                                                                                                                                NTAG2
INDICT
4000
WSTT
DGO
LVCNTR,4
LPSLEV,4,1
DGO-1,1,-10
4000
INDICT
+1.1,-10
                                         0540 60 0 03331

0441 00 0 03554

0054 00 04000

0020 00 0 07504

0120 00 0 02015

0534 00 4 02501

6 00001 4 02454

1 77766 1 02014

0055 00 04000

0604 00 0 03554

1 77766 1 00401
                                                                                                10000
                                                                                                                                                                                                            TEST FOR LAST LEVEL OPERATION YES-GU TO LAST LEVEL CONTROL PROGRAMP
                                                                                                                                                                                                                                                                                                                                           LNK40735
                                                                                                                                                                                                           LEVEL COUNTER
START LAST LEVEL OPERATION
INDEX TO NEXT LEVEL INFORMATION
MORMALIZE LAST LEVEL
                                                                                                10001
                                                                                                10001
                                                                                                                                          TNX
TXI
                                                                                                10001
                                                                                               10001
10001
10011
                                                                                                                 LASEFV SIR
STI
TXI
                                                                                                                                                                  *+1,1,-10
                                                                                                                                                                                                           INCREMENT LEVEL INFORMATION INDEX
                                   NETSIM
ASSEMBLED TEXT.
                                                                                                                                                                                                                      11/19/65
                                                                                                                                                                                                                                                                                                                                  PAGE 32
                       02457 0500 00 0 02475
02460 0340 00 0 27050
02461 0070 00 0 00402
02462 0020 00 0 02465
02463 0500 00 0 03333
                                                                                            10001 NEXSTR CLA
10000 CAS
10011 TRA
                                                                                                                                                                STRINO
KEY
++2
NEWF
                                                                                                                                                                                                          NO. OF COMPONENT CROUP
NO. OF CONTRIBUTING GROUP
NON-CONTRIBUTING GROUP FHIN
CONTRIBUTING GROUP FPLS
NON-CONTRIBUTING GROUP
                                                                                                10001
                                                                                               10001
                     CARD 1D. NETSIM77
07464 0020 00 0 00402
02465 0500 00 0 02020
02466 0621 00 0 03337
02476 0601 00 0 03337
02471 0500 00 0 03433
02471 0500 00 0 03433
02471 0500 00 0 03610
02473 0601 00 0 02475
02474 0020 00 0 02475
02475 00000000001
02476 0600 00 0 02501
02477 0774 00 1 00012
02505 0020 00 0 02454
02501 00000000001
02502 0 00000000001
02504 0100 00 0 02512
02505 0500 00 0 03433
02506 0402 00 0 03433
   BINARY CARD ID. NETSIM77
                                                                                               10011
10001
10001
                                                                                                                                                                FPL
DG2
                                                                                                                                        CLA
STA
CLA
                                                                                                                                                                                                          CONTRIBUTING GROUP
                                                                                                                                                                                                          NO. OF COMPONENTS IN GROUP
                                                                                                                                        STO
CLA
ADD
STO
                                                                                                                                                                MSHCTR
STRING
#1
STRING
                                                                                               10001
                                                                                               10001
                                                                                                                                                                                                          INCREMENT STRING NO. FOR MENT TENT
                                                                                              10001
10001
10001
10000
                                                                                                                                                                ngo
                                                                                                                                                                                                          START NORMALIZATION OF THIS GROUP
                                                                                                                  STRING DEC
                                                                                                                                                                I
LVCNTR
                                                                                              10001
                                                                                                                   ONELEV
                                                                                              10000
10001
00001
10000
                                                                                                                                                                10,1
LASLEV
                                                                                                                                                                                                         NO. OF LEVELS -1
                                                                                                                 ABICAD
GSUMI
NWSTT
                                                                                                                                      ASS
TZE
CLA
SUB
                                                                                              10000
                                                                                                                                                                                                         END OF LAST LEVEL
MORE COMPONENTS THIS LEVEL
INCREMENT INDEX FOR NO. OF COMP. THIS CROUP
                                                                                                                                                                EXNWST
MSHCTR
                                                                                              10001
                       02506 0402 (0 0 03610
02506 0402 (0 0 03610

BINARY CARD ID. YETSIH78
07507 0601 00 0 03433
07510 4100 00 0 02457
07511 0020 00 0 02457
07512 0057 00 004000
07513 0604 00 0 03554
02514 000000000000
02515 1 00005 0 00407
07516 0 27051 0 02462
02517 0 00000 0 00550
02520 0 00000 0 00551
07521 0 00000 0 00551
07521 0 00000 0 00551
07521 0 00000 0 00551
07521 0 00000 0 00564
02522 0 00000 0 30303
02523 0 00000 0 00746
02525 0 00000 0 00746
02527 0 00000 0 00716
02527 0 00000 0 00716
02527 0504 000 0 0 03740
                                                                                                                                                                ٠.
                                                                                                                                     STO
TNZ
TRA
RIR
                                                                                             10001
                                                                                                                                                                MSHCTR
                                                                                             10001
10001
10000
10001
                                                                                                                                                                DGO
NEXST
                                                                                                                                                                                                         CONTINUE THIS GROUP
START NEW GROUP
                                                                                                                                                                4000
INDICT
                                                                                                                 GWPRT CALL
                                                                                             00010
                                                                                                                                                                GPRT(MOPR, GHPC, CHTR, NEXT, OPSNUM)
                                                                                             10011
                                                                                              10011
                                                                                             10000
                                                                                             10001
                                                                                             10000
                                                                                             10001
                                                                                                                                      LDI
TRA
DEC
                                                                                             10001
                                                                                                                                                              SCHED
128
SAVZ.2
                                                                                                                                                                                                                                                                                                                                         LNK40746
                                                                                                                                                                                                                                                                                                                                         LNK40743
LNK40747
                                                                                            10001
                   CARL ID. NETSIM7Y
02531 0767 0U 0 00022
07532 0622 0U 0 30047
02533 000000000000
02533 0074 00 4 05000
02534 1 00003 0 00405
02535 0 27051 0 02472
02536 0 00000 0 40047
                                                                                             10000
                                                                                                                                      ALS
STD
CALL
                                                                                            10000
                                                                                                                                                               SKIP
                                                                                                                                                              HRTNETISKIP NETTAP, NETMAX)
                                                                                                                                                                                                                                                                                                                                       LNK40748
                                                                                            10011
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NETS IM Assembled fext.		11/19/65	PAGE 33
02537 0 00000 0 03544 02540 0 00000 0 03553 02541 000000000000 02541 0074 00 4 04000 02542 1 00001 0 00403 02543 0 27031 0 06403	10001 CALL	.FPRN.(RBCD)*2423*	LMK40749
02544 0 00000 0 03250 02545 000000000000 02545 0074 00 4 05400 02546 1 00000 0 00402 92547 0 27051 0 02274	10001 00010 CALL 10011 10011	.ff(L.	LNK40750
61MARY CARD ID. METCHMAN	10000 SM1	,	
02551 0020 00 0 01401 02552 0774 00 2 00000 1 00001 7 00201	10011 TRA 10011 SAVZ AKT 11010	NETS[#+] ,2	LNR40752
		IND CT SCHED ONE GATMO OVERFLOW SIGNAL	£#K40753
02557 000000000000 (02557 0074 00 4 10400 02550	00010 OFLOW CALL 10011 10011 10000 10011		LMK+0754
02564 0500 00 0 03432 1 02565 0074 00 4 144 <i>0</i> 0 1	0014	OFLOC -FCNV.,4 -FFfL-*2435*	L 4K40755 L NK40756 L NK40757
BINARY CARD ID. NETSIMBI 02571 0500 00 0 02666 1 02572 0100 00 0 04607 1 02573 0441 00 03554 1 02574 0054 00 000100 1 02575 0020 00 02603 1 02576 0054 00 000200 1 02577 0020 00 00401 1 02600 0020 00 0 00401 1 02600 0020 00 0 00401 1	0001 CLA 0011 TZE 0001 LD1 0000 RFT 0001 TRA 0000 RFT 0011 TRA 0011 TRA	OADTO ++7 INDICT 100 BIADJ LEVEL SUM OVERFLOW-ADJUST BIAS 200 ++1 ++1 ++1	
02603 0500 00 0 03334 10 02604 0600 00 0 02606 10 02605 0920 00 0 01365 10 02606 0 00000 0 00000 10 02607 0634 00 4 03107 10 02610 0534 00 1 03106 10 02612 0634 00 1 03106 10 02612 0634 00 1 03106 10 02612 0634 00 1 03106 10	DOIL TRA DOOL STZ DOOL TRA DOOL TRA DOOL PRINT SXA DOOL PRINT SXA DOOL SXA DOOL SXA DOOL SXA DOOL SXA DOOL SXA	L OSUM OADTO ITER O PRIRA,4 LEVI,1 LEVEL IDEX PR2,2 PR2,2 PR2+1,1 -FMRG-(-UNO3.)	LNK40759 LNK40760 LNK40763 LNK40764
NETSIM Assembled text.		11/19/65	PAGE 34
02613 0074 00 4 10000 10 02614 1 00001 0 00403 10 02615 0 27051 0 02532 10 02616 0 00000 0 15400 10 02617 0500 00 0 03343 10 02620 0074 00 4 16000 10 02621 0500 00 0 03353 10 02622 0074 00 4 16000 10 02623 0500 00 0 03550 10 02624 0074 00 4 16000 10 02625 0500 00 0 03551 10 02626 0074 00 4 16000 10 02627 0500 00 1 30056 10 02631 0500 00 1 30055 10 02631 0500 00 1 30055 10 02632 0074 00 4 16000 10 02631 0500 00 1 30055 10 02633 0074 00 4 16000 10 02631 0500 00 1 30055 10 02634 0074 00 4 16000 10 02635 0500 00 1 30056 10 02636 074 00 4 16000 10 02637 0500 00 1 30056 10 02638 0500 00 1 30056 10 02639 074 00 4 16000 10 02631 0500 00 1 30065 10	011 000 011 001 CLA 011 TSX 001 CLA 011 TSX 001 CLA 011 TSX 001 CLA 011 TSX 000 CLA 011 TSX 000 CLA 011 TSX 000 CLA 011 TSX	NULEYS .FBLT.,4 LEVCT .FBLT.,4 YYYY .FBLT.,4 YYYY .FBLT.,6 MI,1 .FBLT.,4 MS,1 .FBLT.,4 RS,1 .FBLT.,4 RFATIVE OUTPUT ADDRESS FOR THES LEVEL	LNK40765 LNK40766 LNK40766 LNK40769 LNK40770 LNK40771 LNK40772 LNK40773 LNK40775 LNK40775 LNK40776 LNK40777 LNK40777
### CARD ID. NETSIM## 02636 0621 00 0 02645 100 02637 0621 00 0 02743 100 02640 0535 00 2 00660 100 02641 0754 00 2 00000 100 02642 0400 00 0 03336 100 02643 0621 00 0 02502 100 02644 0737 00 2 00000 100 02645 0500 02 00000 100 02646 0074 00 4 16000 100 02646 0074 00 4 16000 100 02650 4120 00 0 02653 100 02651 0500 00 2 00000 100 02652 0020 00 02653 100 02653 0074 00 4 16400 100 02654 0534 00 1 00726 100 02655 0500 00 1 0055 100 02656 0500 00 1 0055 100 02657 000000000000 000 02657 000000000000 000 02657 000000000000 000 02657 0000000000000 000 02657 0000000000000 000 02657 0000000000000 000 02657 0000000000000 000 02657 0000000000000 000 02657 0000000000000 000 0001	01 STA 01 LAC 00 PXA 01 ADD 01 STA 00 BOPLPN PAC 00 BOP1 CLA 11 TSX 00 CLA 01 TRA	BGP1 DCP1 LEVIR.2 O.2 COMPONENT FOR HHIS LEV-L ABSOLUTE ADDR OF 1ST COMP THIS LEVEL ABICAD O.2 ARSOLUTE ADDRESS OF COMPONENT O.2 ARSOLUTE ADDRESS OF COMPONENT O.2 ST WORD OF NEXT COMPONENT O.2 ST WORD OF NEXT COMPONENT O.2 ST WORD OF 1ST COMP TAPE) O.2 ST WORD OF 1ST COMPONENT O.2 ST WORD OF 1ST COMPONENT O.4 ST WORD OF 1ST COMPONENT O.5 ST WORD OF 1ST COMPONENT O.5 ST WORD OF NEXT COMPONENT O.5 ST WORD O	L NK 40 7 7 9 L NK 40 7 80 L NK 40 7 81

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8:MARY CAR(ID. WETSIMB4 02660 1 00C03 0 00405 02661 0 27051 0 02573 02662 0 00C00 0 03564 02663 0 00C00 0 03564 02664 0 00C00 0 03564 02665 0500 00 1 30063 02666 0401 03 C 03547 02667 00C00000000 02567 0074 C0 4 03400 02670 1 00C03 0 00405 0271 0 27051 3 02576 02673 0 00C00 0 03547 02673 0 00C00 0 03547	10011 10000 10001 10001 10001 10000 CL4 10001 STO 00010 CALI 10011 10011 10001 10001	RIAS.1 PB8 L RTOF(888,=9,888)	L NK40782 L NK40783 L NK40784
NETSIM Assembled Text.		11/29/65	PAGE 35
02675 0000 C0U000000 02675 0074 00 4 10409 02676 1 00C02 0 00404 02677 0 27051 0 02577 02700 0 00000 0 14000	00010 CALU 10011 10011 10000 10011	L .FMRD.(.UNO6.:81ASNQ)	
BINARY CARD ID. NETSIMB5 02701 0 00000 0 03201 02702 0500 00 0 00541 02703 0074 00 4 14400 02704 00000000000 02704 0074 00 4 05400 02705 1 00000 0 00402	10001 10001 CLA 10011 TSX 00010 CALI 10011	BIASCH .FCNV4 .FFIL.	
02706 0 27051 0 02662 02707 0600 00 0 00541 02710 000000000000 0271C 2074 00 4 10400 02711 1 00002 0 00404 02712 0 27051 0 04624 02713 0 00000 0 14000	10000 10001 STZ 00010 CALI 10011 10011 10000 10011	BIASCH RESET BIAS CHANGE COUNTER OOR LEVEL .FWRD.(.UMO6.,PRCDI)'2452'	LNK40785
02714 0 00000 0 03264 02715 0500 0J 0 03362 02716 0074 00 4 14400 02717 0500 0G 0 03546 02720 0074 0J 4 14400 02721 0500 0G 0 03547	10001 CLA 10001 T5x 10001 CLA 10011 T5x 10001 CLA	LEVCT -FCNV-,4 AAA -FCNV-,4 888	LNK40786 LNK40787 LNK40788 LNK40789 LNK4G790
81MARY CARD ID. 4E151M86 02722 0074 00 4 14400 02723 0000c0000000 02723 0074 00 4 05400 02724 1 00000 0 00407 02725 0 27051 0 04624	10011 TSX 00210 CALI 10011 10011 10000	.FCNY4 .FFIL.'2452'	LNK40791 LNK40792
02726 00000000000 02726 C /- \ 10400 02727 1 JJCQ 0 00404 02730 0 27051 0 02614 02731 0 00000 0 14000 02732 0 00000 0 03233	00010 CALI 10011 10011 10000 10011 10001	FWRD.(.UNG6.,MTLIN)	
02733 00000000000 02733 0074 00 4 05400 02734 1 00000 0 00402 02735 0 27051 0 02615 02736 0500 00 0 02502	00010 CALI 10011 10011 10000 10001 CLA	ASICAD	
02717 0774 60 4 00005 62740 0737 60 2 00000 02741 0560 60 2 00001	10000 QPLP AXT 10000 DQPLPN PAC 10000 CLA	5,4 0,2 1,2	LNK40800
8INARY CARO ID. NETSIM87 02742 0601 00 4 03441 02743 0500 00 2 00000 02744 0601 00 4 03464 02745 0500 60 2 00000 02746 4120 00 0 02752 02747 0500 00 2 00000 02750 2 00001 4 02740	10001 STO 10000 DOP1 CLA 10001 STO 10000 CLA 10001 TMI 10000 CLA 10001 TIX	NAM5+5,4 ••,2 (NUTPUT OF COMPONENT OPT5+5,4 • 0+2 QREF 0,2 DOPLPN,4,1	LNK40803 LNK40805 LNK40809 LNK40810 LNK40811
NSTSIM Assembled text.		11/19/65	PAGE 36
02751 0020 00 0 02756 02752 6 00001 4 02756 02753 0600 00 4 03441 02.54 0600 00 4 03441 02.55 0020 00 0 02752 02756 00000000000 02756 0074 00 4 03400 02757 1 00003 0 03405 02760 0 27051 0 04676 02767 0 00000 0 03610 02763 0 00000 0 03610	10001 TRA 10001 OBEF TNX 10001 STZ 10001 TRA 00010 OPRNT CALL 10011 10011 10000 10001 10001	OPRN: OPRN:,4,1 NAM5-5,4 (JPT5+5,4 QBEF BTOF(CPT5,=1,OPT5)*2488*	LNP40813 LNK40814 LNK40816 LNK40817 LNK40818 LNK40819

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BIMARY CARD 10. NETSINGS	00210	CALL	STOF (OPT5+1,=1.OPT5+1)*2488*	LNK40820
02764 000000000000 02764 0074 00 4 03400	10011	CALL		
02765 1 00003 0 00405	10000			
02766 0 27051 0 04670 02767 0 00000 0 03442	10001			
02770 0 00000 0 03410 02771 0 00000 0 03442	10001			
02772 000000000000	00010	CALL	RTOF(CPT5+2;=1;CPT5+2)*2488*	LNK40821
02772 0074 00 4 03400 02773 L 00003 0 00405	10011			
02774 0 27051 0 04670	10000			
02775 0 00000 0 03443 02776 0 00000 0 03610	10001			
02777 0 00000 0 03443	10001	C 41.4	810F(0PT5+3,=L.0PT5+3)*2488*	LNK40822
03000 0000CC000000 0300 0074 00 4 03400	00010 10011	CALL	Biot (0) 134 Martin 13. 31 C. 00	
03001 1 00003 0 00405	10000			
03002 0 27051 0 04670 03003 0 00000 0 03444	10001			
BINARY CARD ID. NETSINGS				
03004 0 00000 0 03610	10001			
03005 0 00000 0 03444 03006 0000000000000	10001	CALL	BTOF(OPT5+4,=1,UPT5+4)*2488*	LNK40623
03006 0074 00 4 03400	10011			
03007 1 00003 0 00405 03010 0 27051 0 04670	10011			
03011 0 00000 0 03445	10001 10001			
03012 0 00000 0 03610 03013 0 00000 0 03445	10001			LNK40824
03014 00000000000 03014 0074 00 4 10400	00010	CALL	.FWRG.(.UNO6.,NMFMT)'2488'	2.111 / 0.01
03015 1 00002 0 00404	10011			
03016 0 27051 0 04670 03017 0 00000 0 14000	10000			
03020 0 00000 0 03275	10001		NAMS	LNK40825
03021 0500 00 0 03434 03022 4734 00 4 00000	10001	CLA PDX	nan> 0•4	LNK40826
03023 0634 00 4 03607	10001	SXA Ana	LLEV,4 077	LNK40827 LNK40828
03024 4320 00 0 03562	10001			
BIMARY CARD ID. NETSIMPO				
NETSIM			11/19/65	PAGE 37
ASSEMBLED TEXT.				LNK40829
03025 0074 00 4 14400 03026 0500 00 0 03607		TSX Cla	.FCNV.,4 LLEV	LNK40830
03027 0074 00 4 14400	10011	TSX	.FCNV.,4	LNK40831 LNK40832
03030 0500 00 0 03441 03031 0074 00 4 14400		CLA 7SX	0PT5 -FCNV-+4	LNK40833
03032 0500 00 0 03435	10001	JLA	NAMS+1	LNK40834
				L%K40835
03033 4734 00 4 00000 03034 0634 00 4 03607		PDX SXA	0,4 LLEV,4	LNK40836
03034 0634 00 4 03607 03035 4320 00 0 03562	10001	PDX SXA Ana	0,4 LLEV,4 077	£NK40836 £NK40837 £NK40838
03034 0634 00 4 03607 03035 4320 00 0 03562 03036 0074 00 4 14400 03037 0500 00 0 03607	10001 10001 10011	PDX SXA ANA TSX Cla	0,4 llev,4 077 .fcnv.,4 llev	1.NX 40836 1.NK 40837 1.NK 40838 1.NK 40839
03034 0634 00 4 03607 03035 4320 00 0 03562 03036 0074 00 4 14400 03037 0500 00 0 03607 03040 0074 00 4 14400	10001 10001 10001 10011	PDX SXA ANA TSX CLA TSX	0.4 LLEV.4 017 .FENV4 LLEV .FENV4	L NK 4 08 36 L NK 4 08 37 L NK 4 08 39 L NK 4 08 49 L NK 4 08 40 L NK 4 08 41
03034 0634 00 4 03607 03035 4320 00 0 03562 03036 0074 00 4 14400 03037 0500 00 0 03607 03040 0074 00 4 14400 03041 0500 00 0 03442 03042 0074 00 4 14400	10001 10001 10001 10001 10001 10001	PDX SXA ANA TSX CLA TSX CLA TSX	0.4 LLEV.4 017 -FCNV.,4 LLEV -FCNV.,4 0PT5+1 -FCNV.,4	LNK40836 LNK40837 LNK40838 LNK40839 LNK40840 LNK40841 LNK40842
03034 0434 00 4 03607 03035 4320 00 0 03562 03036 0074 00 4 14400 03037 0500 00 0 03607 03040 0074 00 4 14400 03041 0500 00 0 03442 03042 0074 00 4 14400 03043 0500 00 0 03436	10001 10001 10011 10001 10011 10001	PDX SXA ANA TSX CLA TSX CLA	0.4 LLEV,4 077 .FCNV.,4 LLEV .FCNV.,4 OPT5+1	L MK 4 08 36 L MK 4 08 37 L MK 4 08 39 L MK 4 08 40 L MK 4 08 41 L MK 4 08 42 L MK 4 08 43 L MK 4 08 43 L MK 4 08 44
03034 0634 00 4 03607 03035 4320 00 0 03562 03036 0074 00 4 14400 03037 0500 00 0 03607 03040 0074 00 4 14400 03041 0500 00 0 03442 03042 0074 00 4 14400 03043 0500 00 0 03436 03044 4734 00 4 03607 03045 0634 00 4 03607	10001 10001 10011 10001 10001 10011 10001 10000	PDX SXA AMA TSX CLA TSX CLA TSX GLA PDX SXA	0.4 LLEV.4 077 -FCNV-,4 LLEV -FCNV-,4 0PT5+1 -FCNV-,4 NAM5+2 0.4 LLEV,4	LMK40836 LMK40837 LMK40838 LMK40839 LMK40840 LMK40841 LMK40842 LMK40843
03034 0634 00 4 03607 03035 4320 00 0 03562 03036 0074 00 4 14400 03037 0500 00 0 03607 03040 0074 00 4 14400 03041 0500 00 0 03442 03042 0074 00 4 14400 03043 0500 00 0 03436 03044 4734 00 4 00000	10001 10001 10011 10001 10001 10001 10000 10000 10001	PDX SXA ANA TSX CLA TSX CLA TSX GLA PDX	0.4 LLEV,4 077 -FCNV.,4 LLEV -FCNV.,4 OPT5+1 -FCNV.,4 NAM5+2 0,4	LNK40836 LNK40837 LNK40838 LNK40839 LNK40840 LNK40841 LNK40842 LNK40843 LNK40844
03034 0634 00 4 03607 03035 4320 00 0 03562 03036 0074 00 4 14400 03037 0500 00 0 03607 03040 0074 00 4 14400 03041 0500 00 0 03442 03042 0074 00 4 14400 03043 0500 00 0 03436 03044 4734 00 4 0000 03045 0634 00 4 03607 03046 4320 00 0 03562 03047 0074 00 4 14400	10001 10001 10011 10001 10001 10001 10000 10000 10001	PDX SXA ANA TSX CLA TSX CLA FDX GLA PDX SXA ANA	0.4 LLEV.4 017 .FCNV.,4 LLEV .FCNV.,4 0PT5+1 .FCNV.,4 NAM5+2 0.4 LLEV,4 017	LMK40836 LMK40837 LMK40838 LMK40839 LMK40840 LMK40841 LMK40843 LMK40844 LMK40845 LMK40846 LMK40846 LMK40846
03034 0634 00 4 03607 03035 4320 00 0 03562 03036 0074 00 4 14400 03037 0500 00 0 036607 03040 0074 00 4 14400 03041 0500 00 0 03442 03042 0074 00 4 14400 03043 0500 00 0 03436 03044 4734 00 4 03607 03045 0634 00 4 03607 03046 4320 00 0 03562 03047 0074 00 4 14400	10001 10001 10001 10001 10001 10001 10001 10000 100001 10001	PDX SXA AMA TSX CLA TSX CLA TSX GLA PDX SXA AMA TSX	0.4 LLEV.4 077 -FCNV-,4 LLEV -FCNV-,4 0PT5+1 -FCNV-,4 NAM5+2 0.4 LLEV.4 077 -FCNV-,4	L MK 4 0 B 3 6 L MK 4 0 B 3 7 L MK 4 0 B 3 9 L MK 4 0 B 4 9 L MK 4 0 B 4 2 L MK 4 0 B 4 2 L MK 4 0 B 4 3 L MK 4 0 B 4 4 L MK 4 0 B 4 5 L MK 4 0 B 4 5 L MK 4 0 B 4 7 L MK 4 0 B 4 7 L MK 4 0 B 4 7
03034 0634 00 4 03607 03035 4320 00 0 03562 03036 0074 00 4 14400 03037 0500 00 0 03607 03040 0074 00 4 14400 03041 0500 00 0 03442 03042 0074 00 4 14400 03043 0500 00 0 03443 03044 4734 00 4 03607 03045 0634 00 4 03607 03046 4320 00 0 03546 03047 0074 00 4 14400	10001 10001 10001 10001 10001 10001 10001 10001 10001 10001	PDX SXA ANA TSX CLA TSX CLA PDX SXA ANA TSX	0.4 LLEV.4 017 -FCNV.,4 LLEV -FCNV.,4 0PT5+1 -FCNV.,4 NAM5+2 0,4 LLEV,4 017 -FCNV.,4	L MK 4 0 8 3 6 L MK 4 0 8 3 7 L MK 4 0 8 3 9 L MK 4 0 8 4 0 L MK 4 0 8 4 1 L MK 4 0 8 4 2 L MK 4 0 8 4 4 L MK 4 0 8 4 5 L MK 4 0 8 4 5 L MK 4 0 8 4 7 L MK 4 0 8 4 6 L MK 4 0 8 4 7 L MK 4 0 8 4 8 L MK 4 0 8 4 9 L MK 4 0 8 4 9 L MK 4 0 8 4 9 L MK 4 0 8 5 5
03034 0634 00 4 03607 03035 4320 00 0 036627 03036 0074 00 4 14400 03037 0500 00 0 03667 03040 0074 00 4 14400 03041 0500 00 0 03442 03042 0074 00 4 14400 03043 0500 00 0 03436 03044 4734 00 4 03607 03045 0634 00 4 03607 03046 432C 00 0 03562 03047 0074 00 4 14400 03050 0500 00 0 03607 03051 0074 00 4 14400 03052 0500 00 0 03667	10001 10001 10001 10001 10001 10001 10001 10001 10001 10001 10001	PDX SXA ANA TSX CLA TSX CLA TSX GLA PDX SXA ANA TSX CLA TSX	0.4 LLEV.4 077 -FCNV-,4 DPT5+1 -FCNV-,4 NAM5+2 0.4 LLEV.4 077 -FCNV-,4 LLEV -FCNV-,4 CONV-,4 LLEV -FCNV-,4 CONV-,	L MK40836 L MK40837 L MK40838 L MK40839 L MK40840 L MK40841 L MK40841 L MK40844 L MK40845 L MK40845 L MK40845 L MK40846 L MK40847
03034 0634 00 4 03607 03035 4320 00 0 03562 03036 0074 00 4 14400 03037 0500 00 0 03607 03040 0074 00 4 14400 03041 0500 00 0 03442 03042 0074 00 4 14400 03043 0500 00 0 03443 03044 4734 00 4 04000 03045 0634 00 4 03607 03046 4320 00 0 035607 03046 4320 00 0 035607 03046 1020 00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	10001 10001 10001 10001 10001 10001 10000 10000 10000 10001 10001 10001 10001 10001 10001 10001	PDX SXA ANA TSX CLA TSX CLA TSX GLA PDX SXA ANA TSX CLA TSX CLA TSX	0.4 LLEV.4 027 -FCNV.,4 LLEV -FCNV.,4 0PT5+1 -FCNV.,4 NAM5+2 0.4 LLEV,6 077 -FCNV.,4 0PT5+2 -FCNV.,4 0PT5+2 -FCNV.,4 NAM5+3 0.4	L MK 4 0 B 3 6 L MK 4 0 B 3 7 L MK 4 0 B 3 9 L MK 4 0 B 4 9 L MK 4 0 B 4 2 L MK 4 0 B 4 2 L MK 4 0 B 4 2 L MK 4 0 B 4 5 L MK 4 0 B 4 5 L MK 4 0 B 4 7 L MK 4 0 B 4 7 L MK 4 0 B 4 7 L MK 4 0 B 4 9 L MK 4 0 B 5 5 L MK 4 0 B 5 7 L MK 4 0 B 5 7
03034 0634 00 4 03607 03035 4320 00 0 036607 03036 0074 00 4 14400 03037 0500 00 0 036607 03040 0074 00 4 14400 03041 0500 00 0 0 03442 03042 0074 00 4 14400 03043 0500 00 0 03436 03044 4734 00 4 03607 03045 0634 00 4 03607 03046 4320 00 0 03562 03047 0074 00 4 14400 03050 0500 00 0 03607 03051 0074 00 4 14400 03052 0500 00 0 03443 03053 0074 00 4 14400 03055 0500 00 0 03431 03054 0500 00 0 03431 03055 0634 00 4 00000	10001 10001 10001 10001 10001 10001 10001 10001 10001 10001 10001 10001 10001 10001 10001 10001 10001 10001 10001 10001	PDX SXA ANA TSX CLA TSX CLA TSX CLA PDX SXA ANA TSX CLA TSX CLA TSX CLA TSX CLA	0.4 LLEV.4 077 -FCNV-,4 OPT5+1 -FCNV-,4 NAM5+2 0.4 LLEV.4 077 -FCNV-,4 DPT5+2 LLEV.4 077 -FCNV-,4 OPT5+2 -FCNV-,4 OPT5+2 -FCNV-,4 OPT5+2 -FCNV-,4 OPT5+3 -FCNV-,4 NAM5+3 0.4 LLEV,4	LMK40836 LMK40837 LMK40838 LMK40839 LMK40840 LMK40841 LMK40842 LMK40844 LMK40845 LMK40846 LMK40847 LMK40847 LMK40847 LMK40850 LMK40850 LMK40850 LMK40853 LMK40852
03034 0634 00 4 03607 03035 4320 00 03562 03036 0074 00 4 14400 03037 0500 00 0 03607 03040 0074 00 4 14400 03041 0500 00 0 03442 03042 0074 00 4 14400 03043 0500 00 0 03446 03044 4734 00 4 00000 03045 0634 00 4 03607 03046 4320 00 0 035607 03046 4320 00 0 0 03407 03046 1300 00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	10001 10001 10001 10001 10001 10001 10000 10000 10001 10001 10001 10001 10001 10001 10001 10001 10001 10001 10001	PDX SXA AMA TSX CLA TSX CLA TSX GLA PDX SXA AMA TSX CLA TSX CLA TSX CLA TSX CLA TSX CLA TSX	0.4 LLEV.4 077 -FCNV-,4 0PT5+1 -FCNV-,4 NAM5+2 0.4 LLEV,4 077 -FCNV-,4 LLEV -FCNV-,4 0PT5+2 -FCNV-,4 NAM5+3 0.4 LLEV,4 077 -FCNV-,4 NAM5+3 0.4 LLEV,4 077 -FCNV-,4	L MK 4 0 B 3 6 L MK 4 0 B 3 7 L MK 4 0 B 3 9 L MK 4 0 B 4 9 L MK 4 0 B 4 2 L MK 4 0 B 4 2 L MK 4 0 B 4 4 L MK 4 0 B 4 5 L MK 4 0 B 4 5 L MK 4 0 B 4 7 L MK 4 0 B 5 5 L MK 4 0 B 5 5
03034 0834 00 4 03607 03035 4320 00 0 03562 03036 0074 00 4 14400 03037 0500 00 0 03607 03040 0074 00 4 14400 03041 0500 00 0 03442 03042 0074 00 4 14400 03043 0500 00 0 03442 03044 4734 00 4 00000 03045 0634 00 4 03607 03046 4320 00 0 03562 03047 0074 00 4 14400 03050 0500 00 0 03607 03051 0074 00 4 14400 03052 0500 00 0 03607 03051 0074 00 4 14400 03053 0074 00 4 14400 03053 0500 00 0 03443 03054 0500 00 0 03443 03055 4734 00 4 00000 03057 4320 00 0 03562 03060 0074 00 4 14400	10001 10001 10001 10001 10001 10001 10001 10001 10001 10001 10001 10001 10001 10001 10001 10001 10001 10000	PDX SXA ANA TSX CLA TSX CLA TSX GLA PDX SXA ANA TSX CLA TSX CLA TSX CLA TSX CLA ANA ANA ANA	0.4 LLEV.4 077 .FCNV.,4 LLEV .FCNV.,4 0PT5+1 .FCNV.,4 NAM5+2 0,4 LLEV,4 077 .FCNV.,4 LLEV .FCNV.,4 0PT5+2 .FCNV.,4 NAM5+3 0,4 LLEV,4 077	L MK 4 0 8 3 6 L MK 4 0 8 3 7 L MK 4 0 8 3 9 L MK 4 0 8 4 9 L MK 4 0 8 4 1 L MK 4 0 8 4 2 L MK 4 0 8 4 4 L MK 4 0 8 4 5 L MK 4 0 8 4 5 L MK 4 0 8 4 7 L MK 4 0 8 4 7 L MK 4 0 8 5 9 L MK 5 0 8 L MK 5 0 8 L MK 5 0 8 L MK 6 0 8 5 9 L M
03034 0634 00 4 03607 03035 4320 00 0 03562 03036 0074 00 4 14400 03037 0500 00 0 03607 03040 0074 00 4 14400 03041 0500 00 0 03442 03042 0074 00 4 14400 03043 0500 00 0 03443 03044 4734 00 4 03607 03046 4320 00 0 03562 03047 0074 00 4 14400 03050 0500 00 0 03601 03051 0074 00 4 14400 03052 0500 00 0 03431 03052 0500 00 0 03431 03053 0074 00 4 14400 03054 0500 00 0 03431 03055 4734 00 4 03607 03056 0634 00 4 03607 03057 4320 00 0 03451 03061 0500 00 0 03562 03061 0500 00 0 03661	10001 10001	PDX SXA ANA TSX CLA TSX CLA TSX GLA PDX SXA ANA TSX CLA TSX CLA TSX CLA TSX CLA PDX SXA ANA TSX CLA PDX SXA ANA TSX CLA PDX SXA ANA TSX CLA CLA TSX CLA TSX	0.4 LLEV.4 077 -FCNV-,4 0PT5+1 -FCNV-,4 NAM5+2 0.4 LLEV.4 077 -FCNV-,4 0PT5+2 -FCNV-,4 0PT5+2 -FCNV-,4 NAM5+3 0.4 LLEV,4 0.77 -FCNV-,4 NAM5+3 0.4 LLEV,4 0.77 -FCNV-,4	L MK 40836 L MK 40837 L MK 40839 L MK 40839 L MK 40841 L MK 40842 L MK 40843 L MK 40844 L MK 40845 L MK 40847 L MK 40847 L MK 40849 L MK 40850 L MK 40851 L MK 40852 L MK 40852 L MK 40855 L MK 40855 L MK 40856 L MK 40856 L MK 40856 L MK 40856 L MK 40856 L MK 40856 L MK 40857
03034 0634 00 4 03607 03035 4320 00 03562 03036 0074 00 4 14400 03037 0500 00 0 03607 03040 0074 00 4 14400 03041 0500 00 0 03442 03042 0074 00 4 14400 03043 0500 00 0 03443 03044 4734 00 4 00000 03045 0634 00 4 03607 03046 4320 00 0 0 035607 03046 4320 00 0 0 03607 03046 4320 00 0 0 03607 03047 0074 00 4 14400 03050 0500 00 0 03607 03051 0074 00 4 14400 03052 0500 00 0 03437 03053 0074 00 4 14400 03054 0500 00 0 03437 03055 4734 00 4 03607 03057 4320 00 0 0 036437 03057 4320 00 0 0 03667 03061 0500 00 0 03667 03062 0074 00 4 14400 03063 0500 00 0 03644	10001 10001 10001 10001 10001 10001 10000 10000 10001 10001 10001 10001 10001 10001 10001 10001 10001 10001 10001 10001 10001 10001 10001 10001 10001 10001	PDX SXA AMA TSX CLA TSX CLA TSX GLA PDX SXA ANA TSX CLA TSX	0.4 LLEV.4 077 -FCNV.,4 LLEV .FCNV.,4 0PT5+1 -FCNV.,4 NAM5+2 0.4 LLEV,6 077 -FCNV.,4 LLEV -FCNV.,4 NAM5+3 0.4 LLEV,4 077 -FCNV.,4 LLEV,4 0715+3 -FCNV.,4 0PT5+3 -FCNV.,4	L MK 4 0 B 3 6 L MK 4 0 B 3 7 L MK 4 0 B 3 7 L MK 4 0 B 3 9 L MK 4 0 B 4 1 L MK 4 0 B 4 2 L MK 4 0 B 4 2 L MK 4 0 B 4 4 L MK 4 0 B 4 5 L MK 4 0 B 4 7 L MK 4 0 B 5 1 L MK 4 0 B 5 2 L MK 4 0 B 5 3 L MK 4 0 B 5 3 L MK 4 0 B 5 3 L MK 4 0 B 5 6 L MK 4 0 B 5 7 L MK 4 0 B 5 7 L MK 4 0 B 5 8 L MK 4 0 B 5 9 L MK 4 0 B 5 6 L MK 4
03034 0634 00 4 03607 03035 0374 00 4 14400 03037 0500 00 0 03607 03040 0074 00 4 14400 03041 0500 00 0 03442 03042 0074 00 4 14400 03043 0500 00 0 03442 03045 0634 00 4 03607 03046 4324 00 4 03607 03046 4326 00 0 03562 03047 0074 00 4 14400 03050 0500 00 0 03607 03051 0074 00 4 14400 03052 0500 00 0 03607 03051 0074 00 4 14400 03053 0074 00 4 14400 03053 0074 00 4 14400 03054 0500 00 0 03443 03055 0500 00 0 03443 03056 0634 00 4 03607 03051 0074 00 4 14400 03057 4320 00 0 03562 03067 0074 00 4 14400 03068 0634 00 4 03607 03068 0634 00 4 03607 03068 074 00 4 14400 03068 0774 00 0 0 03443	10001 10001	PDX SXA ANA TSX CLA TSX CLA TSX CLA PDX SXA ANA TSX CLA TSX CLA TSX CLA TSX CLA TSX CLA PDX SXA ANA TSX CLA PDX SXA ANA TSX	0.4 LLEV.4 077 -FCNV-,4 0PT5+1 -FCNV-,4 0AM5+2 0.4 LLEV.4 077 -FCNV-,4 0PT5+2 -FCNV-,4 0PT5+2 -FCNV-,4 0AM5+3 0.4 LLEV.4 077 -FCNV-,4 0AM5+3 0.4 LLEV.4 077 -FCNV-,4 0AM5+3 0.4 LLEV.4 077 -FCNV-,4 0AM5+3 0.4 LLEV.4 077 -FCNV-,4 0AM5+3 0.4 LLEV.4 077 -FCNV-,4 0AM5+3 0.4 LLEV.4 077 -FCNV-,4 0AM5+3 0.4 LLEV.4 077 -FCNV-,4 0AM5+3 0AM5	LMK40836 LMK40837 LMK40839 LMK40839 LMK40841 LMK40841 LMK40842 LMK40844 LMK40845 LMK40846 LMK40847 LMK40847 LMK40851 LMK40851 LMK40851 LMK40852 LMK40853 LMK40855 LMK40855 LMK40855 LMK40855 LMK40856 LMK40856 LMK40856 LMK40857 LMK40856 LMK40857 LMK40856 LMK40857 LMK40856 LMK40857 LMK40856 LMK40856 LMK40857 LMK40856 LMK40856 LMK40857 LMK40856 LMK40856 LMK40856 LMK40856 LMK40856
03034 0634 00 4 03607 03035 4320 00 0 03562 03036 0074 00 4 14400 03037 0500 00 0 03607 03040 0074 00 4 14400 03041 0500 00 0 03442 03042 0074 00 4 14400 03043 0500 00 0 03443 03044 4734 00 4 00000 03043 0500 00 0 03443 03046 4320 00 0 0 03563 03047 0074 00 4 14400 03043 0500 00 0 03607 03046 4320 00 0 0 03607 03051 0074 00 4 14400 03051 0074 00 4 14400 03053 0074 00 4 14400 03054 0500 00 0 03407 03055 0500 00 0 03407 03056 0634 00 4 03607 03056 0634 00 4 03607 03066 0074 00 4 14400 03067 03067 00 0 0 03647 03066 0074 00 4 14400 03067 0074 00 4 14400 03067 0074 00 4 14400 03067 0074 00 0 03607	10001 10001 10001 10001 10001 10001 10000 10000 10001	PDX SXA AMA TSX CLA TSX CLA TSX GLA TSX GLA PDX SXA ANA TSX CLA TSX CLA TSX CLA TSX CLA TSX CLA PDX SXA ANA ANA ANA ANA ANA	0.4 LLEV.4 077 -FCNV-,4 LLEV .FCNV-,4 0PT5+1 -FCNV-,4 0 AM5+2 0.4 LLEV,4 0 77 -FCNV-,4 LLEV -FCNV-,4 0PT5+2 -FCNV-,4 NAM5+3 0.4 LLEV,4 077 -FCNV-,4 LLEV	L MK 40836 L MK 40837 L MK 40838 L MK 40839 L MK 40841 L MK 40842 L MK 40842 L MK 40845 L MK 40845 L MK 40845 L MK 40847 L MK 40847 L MK 40850 L MK 40850 L MK 40851 L MK 40853 L MK 40853 L MK 40856 L MK 40866
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03034 0834 00 4 03607 03035 0374 00 4 14400 03037 0500 00 0 03607 03040 0074 00 4 14400 03041 0500 00 0 03442 03042 0074 00 4 14400 03043 0500 00 0 03442 03045 0634 00 4 03607 03046 4374 00 4 03607 03046 4374 00 4 03607 03050 0500 00 0 03442 03050 0500 00 0 03442 03050 0500 00 0 03442 03050 0500 00 0 03462 03051 0074 00 4 14400 03051 0074 00 4 14400 03053 0074 00 4 14400 03054 0500 00 0 03443 03055 0500 00 0 03443 03055 0500 00 0 03443 03056 0634 00 4 03607 03056 0634 00 4 03607 03066 0634 00 4 03607 03067 0634 00 4 14400 03068 0074 00 4 14400 03068 074 00 4 14400 03068 074 00 4 14400 03068 074 00 4 14400 03068 074 00 4 14400 03068 074 00 0 0 03461 03069 074 00 4 14400 03068 074 00 0 0 03461 03069 074 00 4 14400 03068 074 00 0 0 03461 03069 074 00 4 14400 03067 0634 00 4 03607 03077 074 00 4 14400 03077 0750 00 0 0 03461 03077 0774 00 4 14400	10001 1000	PDX SXA ANA TSX CLA TSX CLA TSX CLA PDX SXA ANA TSX CLA TSX CLA PDX SXA ANA TSX CLA PDX SXA ANA TSX CLA TSX CALL	0.4 LLEV.4 077 -FCNV-,4 LLEV -FCNV-,4 0PT5+2 0,4 LLEV.4 077 -FCNV-,4 0PT5+2 -FCNV-,4 0PT5+3 -FCNV-,4 0PT5+3 -FCNV-,4 0PT5+3 -FCNV-,4 0PT5+3 -FCNV-,4 0PT5+3 -FCNV-,4 LLEV -FCNV-,4 0PT5+4 -FFNV-,4 LLEV -FCNV-,4 -FFIL-'2488'	LMK40836 LMK40837 LMK40838 LMK40839 LMK40839 LMK40841 LMK40841 LMK40842 LMK40843 LMK40844 LMK40845 LMK40846 LMK40847 LMK40851 LMK40851 LMK40853 LMK40853 LMK40858 LMK40865 LMK40865 LMK40865 LMK40865 LMK40865 LMK40866 LMK40866 LMK40866
03034	10001 10000 1000	PDX SXA ANA TSX CLA TSX CLA TSX GLA SXA ANA TSX CLA TSX CALL	0.4 LLEV.4 077 -FCNV.,4 LLEV -FCNV.,4 0PT5+1 -FCNV.,4 077 -FCNV.,4 0PT5+2 -FCNV.,4 0PT5+2 -FCNV.,4 LLEV -FCNV.,4 CPT5+3 -FCNV.,4 LLEV -FCNV.,4 CPT5+4 -FCNV.,4 CPT5+	L MK40836 L MK40837 L MK40839 L MK40839 L MK40840 L MK40841 L MK40841 L MK40842 L MK40843 L MK40845 L MK40846 L MK40847 L MK40845 L MK40859 L MK40851 L MK40853 L MK40853 L MK40851 L MK40851 L MK40851 L MK40855 L MK40856 L MK40865 L MK40866 L MK40866 L MK40866 L MK40866 L MK40867
03034 0634 00 4 03607 03035 4320 00 0 03562 03036 0074 00 4 14400 03037 0500 00 0 03607 03040 0074 00 4 14400 03041 0500 00 0 03442 03042 0074 00 4 14400 03043 0500 00 0 03442 03045 0344 00 4 03607 03046 4320 00 0 03562 03047 0074 00 4 14400 03043 0500 00 0 03462 03045 0344 00 4 03607 03046 4320 00 0 03607 03046 0374 00 4 14400 03050 0500 00 0 03607 03051 0074 00 4 14400 03052 0500 00 0 03443 03053 0074 00 4 14400 03054 0500 00 0 03443 03055 4734 00 4 00000 03056 0634 00 4 03607 03056 0634 00 4 03607 03056 0634 00 4 03607 03056 0634 00 4 03607 03066 074 00 4 14400 03067 0360 00 0 03444 03064 0074 00 4 14400 03065 0500 00 0 03444 03066 0074 00 4 14400 03066 0774 00 4 14400 03067 0634 00 4 03607 03070 03200 00 0 03444 03066 0774 00 4 14400 03067 0634 00 4 03607 03071 0074 00 4 14400 03067 0634 00 4 03607 03071 0074 00 4 14400 03067 0634 00 4 03607 03071 0074 00 4 14400 03073 0074 00 4 14400 03074 03074 00 4 14400 03075 0774 00 4 14400 030774 00 00 00 00 00 00 00 00 00 00 00 00 00	10001 10000 10001 10000 1000	PDX SXA ANA TSX CLA	0.4 LLEV.4 077 -FCNV.,4 LLEV -FCNV.,4 0PT5+1 LLEV,6 077 -FCNV.,4 0PT5+2 -FCNV.,4 NAM5+3 0.4 LLEV,6 077 -FCNV.,4 LLEV,7 0PT5+8 -FCNV.,4 0PT5+8 -FCNV.,4 0PT5+8 -FCNV.,4 0PT5+8 -FCNV.,4 0PT5+9 -FCNV.,4 0PT5-9	L MK40836 L MK40837 L MK40839 L MK40839 L MK40840 L MK40841 L MK40841 L MK40842 L MK40843 L MK40844 L MK40845 L MK40847 L MK40845 L MK40845 L MK40850 L MK40851 L MK40852 L MK40852 L MK40853 L MK40853 L MK40853 L MK40854 L MK40856 L MK40866 L MK40866 L MK40866 L MK40866 L MK40867

	ACC	METSIM EMBLED TEXT.				11/19/65	PAGE	30
		0070 00 4 00001	10000		TRA			K40879
	03111	0 00000 0 00000	10000	BIGEST	PZE	1,4 6		X 700 1 7
		0 00000 0 00000 740130013460	10000	SGWT PSKP	PZE BCI	0 1,(1H1)		
	03114	746003043060	10000	BCDF	BC 1	8.(34H ENTER NEW MS INTO KEYS FOR LEVEL .13.///)	LN	K40936
BINARY		. NETSIM93	10000					
		254563255160 452566604462	10000					
		603145634660 422570626026	10000					
	03121	465160432565	10000					
		254360733103 736161613460	10000					
	03124	746060073060	10000	BCDA	BCI	9.1 7H LEVEL .13,25H NONCOMVERGENT. NEW MSF14.81	LY	K40937
		432565254360 733103730205	10000					
	03127 03130	306045464523 464565255127	10000					
	03131	254563336045	10000					
		256660446260 136073260104	10000					
	03134	331034606060	10000					
	03135 03136	746003063060 254563255160	10000 10000	SCDE 1	BCI	9.1 36H ENTER NEW BIAS INTO KEYS FOR LEVEL .13)	FM	K40936
		452566602231	10000					
BINARY		. NETSIM94						
	01140	216260314563 466042257062	10000					
	03142 03143	602646516043 256525436073	10000					
	03144	310334606060	10000					
	03145 03146	746060073060 432565254360	10000	BCDB	BCI	9.1 7H LEVEL ,13,33H DUTPUT OUT OF RANGE, NEW BIAS =	. LN	K40939
	03147	733103730303	10000					
	03150 03151	306046646347 646360466463	10000					
	03152	604626505121	10000					
		452725736045 256660223121	10000					
	03155 03156	626013607360 2601C4331061	10000		BCI	5,F14.8/5x,12H++ CONTROL=,012 }		
	03157	056773010230	10000		001	SHE NATION CONTROL - JULE 1		
	03160 03161	545460502346 456351464313	10000					
		7346C1026034	10000					
BINARY		NETSIM95				7 4010 BOTH 10 A MILT CREATER THAN ONE A		
	03163	7403C3306047 232545636031	10000	BBIAS	BUI	7,(33H PCENT IN AJUST GREATER THAN ONE.)		
	03165	456021416462 636027512521	10000					
	03167	632551606330	10000					
		214560464525 333460606060	10000					
	ASS	NETSIM SEMBLED TEXT.				11/19/65	PAGE	39
		746060113060	10000	MISHL	BCI	6, (9H SUM NO. +13,4H IS +F10.5)	LN	K40941
	03173	626444604546 336073310373	10000					
	03175 03176	24306031626C 732601003303	10000					
	03177	346060606060	10000					
	03200	0 00000 0 00000 741067733104	10000	REYS	PZE BC1	0 5,18%,14,13H BIAS CHANGES //)		
	03202	730103306022	10000			The state of the s		
	03203 03204	312162602330 214527256260	10000					
	03205	616134606060	10000					
BINARY)。 NE TS 1 P 76 7404 30005454	10000	BCDC1		8,(4H0***,[4,4X,6HINPUT .A6,3X,24H [NDENTIFICATION		
	03207	547331047304	10000	DEDCT	DC I	Optionus proposition in the state of the sta		
	03210	6773C6303145 476463607321	10000					
	03212	067303677302	10000					
	03213 03214	041060314524 254563312631	10000 10000					
		232163314645 602346515125	10000		nc i	2, CORRECT.)		
	03217	236333603460	10000					
		740430005454 547331047304	10000	BCDD1	128	8,14HO***,14,4X,6HINPUT ,A6,3X,27H IDENTIFICATION		
	03222	6773(6303145	10000					
	03224	476463607321 0673C3677302	10000					
		073060312425 456331263123	10000					
	03227	216331464560	10000					
	03730	603145234651	10000		BC I	3, INCORRECT.)		

	CARD 1D. NETS1H97 13231 512523633360 13232 346060606060 13233 74747730574 13234 010630602346 13235 444733606060 13235 344733606060 13236 00664463764 13237 637306473434 13240 0 00000 0 00000 13241 740306300045 13242 466664456221 13243 23451216325 13244 246027406663 13245 23451216325 13246 234646603121 13247 512723336034 13275 2346465051 13252 606651316363 13252 606651316363	10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000	HDL IN OPSNUM GMES RBCD		O 7,(36MONO UNSATURATED	OUTPUT.6X}} G-MTS. DG TOO LARGE. } N, LIFT SS2 AND PRESS START TO,	L NK 40944 L NK 40945
Binant	CARD ID. NETSIM98						
	NETSIM ASGEMBLED TEXT.				117	19/65	PAGE 40
	03254 266340626202 03255 402145246047 03256 512562626062 03257 632151636063 03260 010030602346 03262 456331456425 03263 336034606060 03264 741067730630 03265 604325652543 03266 73314730367 03277 73063060462 03277 043310739367 03277 043310739367	10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000	PBCD1	9C1	3,10H CONTINUE.) 9,18%,6H LEYFL,14,3%,	6H MS ≈ "F14.8,3X,8H BIAS ≈ "F14	LNK40946 . 8 /}
	03274 260104331061 03275 740567730574 03276 036773310373	10000 10000 10007	NAENT	8C I	5,(5x,5(3x,13,1H.,12	4x, £10, 7))	
	CARD ID. NETSIM99 03277 013033733102 03277 013033733102 03300 730487732601 03301 003307343460 03302 740101306023 03303 464447364525 03304 450360606073 03305 310373013033 03306 733102730101 03307 306060274066 03311 253127306362 03311 606060606060	10000 10000 10000 10000 10000 10000 10000 10000	PBCD4	BCI	9,{LIH COMPONENT ,	(3,1H.,12,11H G-WEIGHTS)	LNK~0950
	03312 34600600000 03313 200000000000 03320 0 00170 0 0000 03321 0 07640 0 0000 03322 031463146314 03323 0 00000 0 0000	10000	HORDL L120 L4M • CO! TENTH ZERO	BSS PZE PZE NTANTS DEC PZE	5 0+0+120 0+0+000 FOR CALCULATION AND AD +180	DRESSING	LNK40951 LNK40952 LNK40953 ENK40954 LNK40955 LNK40956
	03324 0 00000 0 0000 03325 0 00000 0 0000	10000	ONE	PZE	1 2		LNK40957 LNK40958
	CARD ID. NETSIMOO 03326 777777000000 03327 0 30303 0 3030 03331 0 00000 2 3030 03331 0 00000 0 3005 03333 0 00000 0 3006	3 10000 3 10000 7 10000 0 10000	ZNEXT INEXT NTAGZ FPL FMIN • LO	PZE PZE PZE PZE	-377777000000 NEXT.O.NEXT NEXT.? NEXT.? FELS FMINS FOR YARIABLE STORAGE	TO UNPACK G-WEIGHT INITIALIZATION FOR NTAGZ USED FOR CORRECT OUTPUT INCORRECT OUTPUT SUM OF OUTPUTS FOR A LEVEL	L NK40959 L NK40960 L NK60961 L NK60962 L NK40963 L NK40966 L NK40965 L NK40965
	03335 0 00000 U 0000 03336 0 00000 0 0000 03337 0 00000 0 0000 03340 00000200000 03341 0 00000 0 0000	0 10000 0 10000 0 10000 10000	TSUM TRIAL M 1818	DEC	1816	TEMPORARY SUM REDUCTION IN SIZE OF OUTPUT S' INDEX ON LEVEL FOR DG CALCULA!	ENK40967 ENK40968 Fringenk40969 Enk40970
	METS IM Assembled text.				11	/19/65	PAGE 41
	03342 0 00000 0 0000 03343 0 00000 0 0000 03344 031463146314 03345 0 00000 0 0000 03345 0 00000 0 0000 03347 0 00000 0 0000	0 10000 10000 0 10000 10000	RSCAL	DEC	.180 1.89	NUMBER OF COMPONENTS PER LEVEL INDEX ON OUTPUT WORD INDEX ON 4 G-SETS INDEX FOR OUTPUT STRING	LNK40972 LNK40973 LNK40974 LNK40975 LNK40977 LNK40978
	03347 0 00000 0 0000	0 10000	GSET		1.87		

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BINARY	CARD ID. NETSINOI 03351 0 00000 0 00000 03352 0 00000 0 00000 03353 0 00000 0 00000 03354 0 00000 0 00000 03355 0 00000 0 00000 03355 0 00000 0 00000 03357 0 00000 0 00000 03360 0 00000 0 00000 03361 0 00000 0 00000 03362 0 00000 0 00000 03362 2 0000000005 03432 0 00000 0 00000 03434 2 0000000001 03434 2 0000000001 03434 2 0000000001 03441 2 0000000005 03441 2 0000000005 03441 0000000005 03442 00000000005 03444 00000000001 03447 00000000001	10000 10000	DIFF OUOT TEMP CHSUM GLOMS FACT GSUM N MEAN STRING OFLOC MSHCTR NAMS OPTS OPTS OPTS NUMM FFSPC NULEVS NULTAP AAAA	PZE BSS BSS BSS BSS BSS BSS	SUM FOR DUTPUT COMPARISON	LMK40979 LNK40980 LNK40981 LNK40983 LNK40983 LNK40984 LNK40986 LNK40986 LNK40987 LNK40990 LNK40999 LNK40999 LNK40999 LNK40999 LNK40999 LNK40999 LNK40999 LNK40999 LNK40999 LNK40999 LNK40999 LNK40999 LNK40999 LNK40999 LNK40999 LNK40999 LNK40999
	CARD ID. NETSIMO2 03546 0 00000 0 00001 03547 0 00000 0 00001 03551 0 00000 0 00001 03551 0 00000 0 00001 03552 20000000001 03554 20000000001 03556 20000000001 03557 20000000001 03567 20000000001 03561 60000000001 03562 00000000001 03563 00000000001 03564 00000000001 03565 00000000001 03565 000000000001 03566 000000000001 03567 732601043310 03567 732601043310	10000 10000 10000 10000 00001 10000 00001 00001 10000 10000 10000 10000 10000 10000	AAA BBB XXXX YYYY FFSWT NETMAX INDICT MAX NOCDS XITAY BLANK OTT OI OS FIVE CGFHT		1 1 1 22000 1 1 1 1 1, 090000777777 1 5 5 3,(5(10x,F14-8))	LNK40998 LNK40999 LNK41000 LNK41001 LNK41002 LNK41003 LNK41007 LNK41004 LNK41010 LNK41011 LNK41011 LNK41012 LNK41013 LNK41013 LNK41015 LNK41015 LNK41015 LNK41015
BINAR	CARD ID. NETSIMO3 03571 740307306021 03572 513163304425 03573 633123236046 03574 652551264346 03575 666046232364	10000 10000 10000 10000	OFBCD	8C1	8,(37H ARITHMETICC OVERFLOW OCCURED AT LOC -051	LNK41017
	NETSIM Assembled text.				11/19/65 PA	GE 42
	03576 512524602163 03577 604346236073 03601 000000000000 03601 0074 00 4 06000 03602 1 00000 000000 03603 0 27051 0 03063 03604 0074 00 4 06400 03605 1 00000 0 00402 03606 0 27051 0 03064 03607 0 00000 00001 03611 000000000001	10000 10000 00010 10011 10011 10000 00010 10011 10000 10000 10000	LLEV	CALL CALL PZE LORG	DUMMY!	LNK41018 LNK41019 LNK41020
BINAR	7 CARD ID. NETSTMO4 03612 37777777777 03613 0100C0000000 03614 37740C00000 03615 37770000000 03616 0000C0000011 03617 0000C0000002 03621 200000000002 27046 000000000001 27046 200000000001 27047 0 00000 0 00000 27050 200000000001 30047 30055 30051 30054 30055 30056 30056 30066 30061 30066 30063 30063 30066 30066 30067 30060 30061 30066 30067 30060 30061 30066	10000 10000 10000 10000 10000 10000 10000 10000 00001 10000 00001	NOGNT INUM KEY _ DATA DT EPSLN MSTEP GSAT LEVEL MS MI FPLS FMINS FPLI FNINS ESUM OFALO OFA	EQU	NETWORK INFORMATION LIBIA L L L L L L L L L L L L L L L L L L	LNK41023 LNK41024 LNK41025 LNK41026 LNK41026 LNK41030 LNK41031 LNK41031 LNK41034 LNK41036 LNK41036 LNK41036 LNK41036 LNK41036 LNK41036 LNK41037 LNK41036 LNK41040

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30316 30303 NEXT+11 NEXT NO. STATE(ADDR),PRIMARY(DEER)I/P IMPUT ADDR,SIGNED G-WEIGHT X ANDY EQU EQU LNK41053 LNK41054 LINEL 27051 000000000000 27052 452563623144 00000 10000 •LDIR 10000 END NETS IM CONTRUL DICTIONARY 11/19/65 PAGE 44 SCDICT NETSIM NETS I MOS BINARY CARD ID. NETSINOS 003622000000 0000C4000006 452563623144 003622000000 452563623144 0000000000000 452563623144 00000000000000 224746314563 2000C010C0000 4525632333027 PREFACE START=0,LENGTH=1938,TYPE=7094,CMPLX=6 NETSIM DECK LDC=0.LENGTH=1938 NETSIM REAL LOC=G, LENGTH=0 NETSIM REAL LOC=0, LENGTH=0 SPOINT VIRTUAL SECT. 4.CALL 452563233027 2000001 00000 274751636060 2000001 00000 NETCHG VIRTUAL SECT. 5.CALL VIRTUAL SECT. 6, CALL 226346266060 226346266060 200000100000 332647514533 200000100000 512445256360 200000100000 665163452563 VIRTUAL SECT. 7.CALL BTOF .FPRN. VIRTUAL SECT. 8.CALL RDNET VIRTUAL SECT. 9.CALL SECT. 10.CALL WRINET VIRTUAL 200000100000 BINARY CARD ID. NETSIMO7 332626314333 2000C0100000 246444447001 .FFIL. VIRTUAL SECT. 11, CALL DUMMY1 VIRTUAL SECT. 12.CALL 246444447001 2000001 00000 246444447002 2000001 00000 332 6226 26 333 2000 001 00000 332 625 26 6333 2000 001 00000 DUMMY2 VIRTUAL SECT. 13,CALL .FBST. VIRTUAL SECT. 14.CALL SFCT. 15, CALL .FEFT. VIRTUAL 332666512233 200000100000 332666512433 200000100000 .FWRB. VIRTUAL SECT. 16,CALL .FWRD. VIRTUAL SECT. 17.CALL SORT VIRTUAL 625051636060 SECT. 18.CALL 2000 C01 0000 5125 21242323 2000 C01 0000 634 7234 26060 2000 C01 00000 627 0624 34623 READCC VIRTUAL SFCT. 19, CALL TPCK VIRTUAL SECT. 20.CALL SYSLOC VIRTUAL SECT. 21 200000000000 BINARY CARD ID. NETSIMO8 334647254560 200000000000 . OPEN VIRTUAL SECT. 22 335125212460 .READ VIRTUAL SECT. 23 2000 00000000

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NETSIM CONTROL DICTIONARY 11/19/65 336445000633 336445000633 2000C0000000 332623456533 2000C0000000 332343466225 2000C0000000 336445000333 2000C00000000 33262243633 2000C00000000 332666435133 2000C00000000 .UNO6. VIRTUAL SECT. 24 .FCNV. VIRTUAL SECT. 25 .CLOSE VIRTUAL SECT. 26 .UN03. VIRTUAL SECT. 27 .FBLT. VIRTUAL SECT. 28 .FHLR. VIRTUAL SECT. 29 SOKEND NETSIA

NO MESSAGES FOR THIS ASSEMBLY

NETSIM ASSEMBLED TEXT.

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REFERENCES TO DEFINED SYMBOLS.
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CLASS SYMBOL
                                                                                          VALUE REFERENCES
                                         IBEB
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657, 1035, 1060, 1074
1061
1067
700, 720, 722, 727, 751, 765, 767, 774, 2050, 2055, 2057
453
1612
1104
                                                                                                                                                               2260
10/3
463
                                                                                                                                                                   177,2623
                                                                                                                                                               673.2623
673.2625
355.1041,2276
1135.1551.1576
   YYYY
ZERO
ZITER
ZZZ
```

11/19/65

PAGE 51

NETS IM SYMBOL REFERENCE DATA

```
REFERENCES TO VINTUAL SYMBOLS.
                     BPGINT
BIOF
DUMMY L
DUMMY 2
GPR 3
                                                        2420
1113,1552,1670,2405,2657,2667,2756,7764,2772,3000,3006
3601
3604
2514
500
7670,2622,7674,7526,2630,2632,2634,2646
411
433,435,437,1127,1131,1566,1570,1572,1704,1706,1743,1745,1764,1766,2565,2703,2716,2720,2722,3025,3027,3031,3036,3040,3042,3047,3051,3053,3060,3062,3064,3071,3073,3075
521
                                               12
13
6
26
28
14
25
                      ·CLUSE
·FBLT.
·FBST.
·FCNV.
                      .FEFT.
.FFIL.
.FPRN.
.FWLR.
                                                         521
233,440,472,506,516,1132,1516,1573,1707,1746,1767,2545,2566,2704,2723,2733,3076
227,466,502,2541
2653
                         NETSIM
SYMBOL REFERENCE DATA
                                                                                                                                                        11/19/65
                                                                                                                                                                                                                                     PAGE 53
                     .FWRB.
.FWRD.
.OPEN
.READ
.UNO3.
.UNO6.
NETCHG
RDNET
READCC
SQRT
SYSLOC
TPCK
                                                         2613
425,511,1121,1511,1560,1676,1733,1754,2557,2675,2710,2726,3014
                                                        425,511,1121,1511,1560,1676,1733,1754,2557,2675,2710,2726,3014
66
70,145,443
524,2616
430,514,1124,1514,1563,1701,1736,1757,2562,2700,2713,2731,3017
103
75
34
2413
10
60
2533
                      WRTNET
                                                                                                                                                        11/19/65
                                                                                                                                                                                                                                    PAGE 54
 SIBLDR RFADC
SIBLDR TPCK1
SIBLDR RONG-1
SIBLDR MRTNEI
SIBLDR DUMMYI
SIBLDR DUMMYI
SIBLDR NETCH
SERTRY
                                                                                                                                11/01/65
11/01/65
11/01/65
11/01/65
11/01/65
                                                                                                                                                          READDOOD
TPCKODOD
RDNEVOOD
WRTNOODO
GF~TOOOD
DUMMY100
DUMMY200
NETCOOOD
                                                      22 OCT 64 20/34/53
22 UCT 64 20/34/53
                                                                                                                                06/22/65
                                  MAIN
                                  IHLER
                                                                                                                                                        11/19/65
                                                                                                                                                                                                                                    PAGE 55
                                        OVERLAY ORIGIN CARDS AND ASSIGNED LINK NUMBERS
   SORIGIN
                                  BFGINK
                                                                                           IS LINK 1, PARENT LINK IS
   SORIGIN
                                  BEGINX
   $OR [GIN
                                 BEGINA
  SORIGIN
                                 BEGINX
  SURIGIN
                                 BETAXX,12288
                                                                                                               5. PARENT LINK 15
  SORIGIN
                                 GAMPAK, 30000
                                                                                          IS LINK
                                                                                                              6. PARENT LINK IS
                                 THEOR
                                                                                                                                                       11/19/65
                                                                                                                                                                                                                                   PAGE 56
                                                    . MEMORY MAP .
 SYSTEM
FILE BLOCK ORIGIN
FILES 1.
                                                                               00000 THRU 02717
02720
FILE BLOCK ORIGIN

FILEY

2. UNITO3

3. UNITO4

4. UNITO6

5. UNITO9

6. UNITO

7. UNITI1

8. UNIT12

9. FILE2

10. UNITO5

11. UNITO5

FILE LIST URIGIN

PRE-EXECUTION INITIALIZATION

TALL ON URJECT PROGRAM

OBJECT PROGRAM
                                                                               03124
03152
03203
03210 THRU 74057
```

LINK	DECK	ORIGIN	CONTROL SECTIONS	(/NAME/	"NON O LEI	NGTH, ILO	C) = DELETED	NOT	REFERENCE	D)		
0	UNOI	03210	.UM01. 03210									
	UNO3	03211	.UN03. 03211									
	UNO4 UNO8	03212 03213	.UNO4. 03212 .UNO8. G3213									
	UNO9	03214	.UN09. 03214									
	UNTO	03215	.UNIO. 03215									
	UNII	03216	.UN11. 03216									
	UN 12 MAIN	03217 03220	.UNL2. 03217 Main (03220)									
	RDCC 1	03332	RDCC 03566									
	STOF	03631	BTOF (03631)	BTOF	(03631)							
	BPOINT	03710	8PDENT (03710) /.LDT / 03744	/.LRECT/	03763	/.LVEC /	03747					
	-LXCON	03744 04005	.LXSTR 04005	-LXSTP	04010	.LXOUT		.LXRTN	04070	IBEXIT	04070	
			*LXCAL 04073 *	-LXERR	04073	.DBCLS	04255 .	.L XARG	04417	·LO	04440	•
		_	.CLSE 04446	.LFBL	04447 •	.LUMB	04450	.DFOUT	04451			
	.100EF	04455	.DEFIN 04455 .WRITE 04471	.ATTAC	04461 • 04501	.CLOSE .READR	04463 04511	.OPEN .RELES	04465 04513 +	.READ .LAREA	04467 G4524	
			.WRITE 04471 .EFBLK 04542	.LTSX	04545 •	AREAL	04557	LUNBL	04565	.ENÎKY	04571	
			.GDA 04622	.GO	04626	.DERR	04642	. NOPX [04643	.COMXI	04645	
			.EX34 04647									
	.LOVRY		-LOVRY (04674)	.LOT	(03744)		1037531 05257 •	· L VEC	(03767) 05317 •	.LXRCT	05330	_
	·LXSE	05253	.LXSEL 05253 .LX[ND 05377	.LXCSEL	05254 05402	.LXTST	05403	.LXOVL	05404	-LARLI	07330 4	•
	.FPTRP	05412	.FFPT. 05412 .	.FPOUT	25547	.FPARG	05555		05557 •	DYFLOW	05623	•
	.ERAS.	05632	E-1 05632	E-2	05633	E.3	05634	E.4	05635			
	.xcc.	05636	CC-1 05636	CC.2	05637	CC. 3	05640	CC.4	05641			
	X [T FXEM	05642 05643	EXIT 05442	.Exlî. .FXEM.	05642 05646	_FXOUT	06206	.F XARG	06214	/.OPTW./	06270	
	FOUT	06301	FXEM (05643) .FOUT. 06301	.FAEM.	07040	. FAUUT	00200	• F AARU	00214	/ LUF 1 N . /	00210	•
	FCNV	06643	.FCON. 06643	.FCNY.	04664	.ENDFS	06671	.CNVSH	06674	.FOX1	06700	
			.FDX2 06701	.DBC	06703	.DBC10	0/034	.D8C20	07072	.DDS#	07102	
			.FIKSW 07105	.DOMC	0/143	.DDF1x	07264	-DORS 1	07460	.DDRS2	07462	•
			.01 07465	•03	07467	AMPT	07544	-ONPT	07561	.LNTP	07637	
		IBLDR					11/19/	65			PAGE	57
			.ADUT 07706	-00UT	07717	.LOU7	07746	.DFLT	07756	.flT	10273	
			.FXFL1 10400	FXO	10404	.FXFL2	10407	.FXFL 3	10413	.INTG .KOUNT	10417 10502	
			.TOPAC 10435 .LIST 10505	.WIDTH	10441 10513	.FPACK	10446 11202	.TEST	11434	.FBDBF	11447	
			.DDOFL 11476	.DOFLG		WORD	11500	. MQD	11501	.PEX	11502	
			.FEXP 11503	.DIG	11504	.DE KPN	11505					
	F108	11523	.F106. 11523	.FCNT	11624	.FBLT.	11722	.FBDT.	11742	.FRLR.	11766	
	F105	12175	.FRLR. (11766) .FIOS. 12175	.FNLR. .FSEL.	12032 12335	.FILR.	(12032) 12341 +	.FBIBF	12072 12350	.FRITE	12166 12355	
	F 103	12177	.FILL. 12360	FCLS	12362 •	FUPN	12366 •	REDF	12372 •	. TOUT .	12535	
			.REED 12543 .	BIN	12544 .	.FCT	12545	.FCKSZ				
	FIOH	12631	.FIUH. 12631	.FFIL.	13472	.FRIN.	13520					
	FWRD	13672	.FWRD. 13672									
	FWRB FROD	13716 13742	.FWR8. 13716 .FRDD. 13742									
	FRDB	13770	.FROB. 13770									
	FPRN	14014	.FPRN. 14014									
	.UN02.		.UNO2. (14152) .UNO5. 14153									
	UNO5	14153 14154	.UNO6. 14154	. BUFS?	14155							
	.UN07.		.UNO7. (14160)		•							
	.UN1 3.	14161	.UN13. (14161)									
	.UN14.		.UN14. (14162)									
	.UN15.		.UN15. (14163) .UN16. (14164)									
	-UN17		.UN17. (14165)									
	.UN18.	14166	.UNI8. (14166)									
	FSQR	14167	SQRT 14167									
	FBST FEFT	14242 14463	.FBST. 14242 .FEFT. 14463									
	FRHT	14563	.FRWT. 14563									
	FSLBI	14662	.FBL1. 14700		14706 •							
	FSLI	14720	.SL1. 14720	-5111.		.501.	14733	.SDII.	14/4			
	FSLDO	14757 15014	.FSLO. 14775 .FBLO. 15032	.FSDO.								
	FSLO	15052	.510. 15052	.SL02.		.500.	15065	.SD02.	15077			
	FVID	15111	.fv10. 15111									
	. tocs	15235	.L(0) 15235		15255	. TEUR	15324		15404	.JOINX	15450 15777	•
			.CLOS. 15467 .OP4 16025 •	.ATTC.	15502 16056 •	.SH1	15714 •	.SH9	15756 •	.RERZ.	16136	
			.READ. 16137	.RER1.		.WRIT.			16352 •	. EOFFX		•
			.FEE!T 16503	.GTIOX	16524	.RW7	16642 •	.RE7	17261 •	.EHDTR	17722	
			.SEL59 17724 +	.BSR.	20335	.EDTOF	20460	.ETOF3	20466 *	SWITC	20515	
	. inct	21022	.TCHEX 21016	.BAS10	51051 •							
	*10031	. 51055										
1		1 51055	NETGEN (21022)	NETGEN	(21022)							
	ISUMA		ISUMA 31336 GENXY 32657									
	GENXY!	1 31360 32721	GENXY 32657 Putrec 32756									
	CONEC	3 3 0 0 4	CONECT 33235									
		33350	RSFL1 34220									
,	IPTO	21022	1PTCUN 22524									
3	METAL	21022	NETASL 32372									

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4.

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QUTPUT
1 0.7346227
      0.1767785
      0.
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PAGE 50
                                                                                      11/19/65
                   IBLEA
                               NETAS2 34153
       NE 142 32414
                21022
24644
25376
25573
25740
                               NETSIM (21022)
READCC 25256
IPCK 25555
RDNL* 25712
WRTNET 26367
GPRT 26441
                                                     NETSIM (21022)
        TPCK I
RDMFTI
                 26117
    5 DUMPY1 30000
                               DUMMYL (30000)
                                DUMMY2 (72460)
NETCHG 73746
                                              74060 THR 1 77753
  1/O BUFFERS
  UNUSED CORE
CONTROL CARD
READOP= 2
NUMIN= 36
NAMES= 17
                                              77764 THRU 77777
  EYS=000000100000
  NETWORK SPECIFICATIONS
  NO. OF LEVELS= 2
DY= 0.599999994
EPSLN= 0.09999994
MSTEP= 0.100000
   GSAY=1.0000000
  COMG=0.5000000
  READY CONTRUL CARD
  IMD1C1=0000000000001
  -0-12086539
                                                       -0.28178661
            LEVEL 1 MS .
                                      0.2000C 00 BIAS = -0.28178661
                                                                                                          0.0300034
0.0300034
           CUMP.
                                     COMP.
                                              UUTPUT COMP.
                                                                                          COMP.
                                                                                                     OUTPUT
                        0.0560676
C.2043122
O.
0.1134861
                                                    0.0128890
                                                                               0.2171668
0.
                                                                                                          0.
0.
0.
0.2442960
0.1623816
0.
                                                                               0.2201116
0.
0.
                                                    0.2503265
                                                                                                                           40. l
                                                    0.
0.0819620
                                                                               0.
J. 3509638
                                                                                                                           50. I
                                                                                                           0.2283224
                                                                                                                          60. 1
65. 1
70. 1
0. 0
                                                                                                           0.1142501
                                                   0.0639053
                                                        0.37386951
                                    0.01000000 BIAS = 0.37386951
                                    COMP. OUTPUT CUMP. OUTPUT 2. 2 0.4415477 0. 0 0.
   COMP. OUTPUT
1. 2 0.5584523
SUM NO. 1 IS 0.55845
SUM NO. 2 IS 0.444155
                                                                                                                    COMP. OUTPUT
                                                                                          COMP. OUTPUT
                               LEVEL 1 UUTPUT OLT UF RANGE, NEW BIAS = -0.34493962

LEVEL 1 OUTPUT OUT UF RANGE, NEW BIAS = -0.84164593

CONTROL **COLODO000003

LEVEL 1 OUTPUT OLT OF RANGE, NEW BIAS = -1.33835223
```

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THE REPORT OF THE PROPERTY OF 
                                                                                                                                                                                                    -1.08999908
                                     LEVEL 1 MS =
                                                                                                                                       0.20000000 BIAS =
                                                                                                                                                                                                                                       -1.08999308
                                           OUTPUT
                                                                                                                                                                            OU! PUT
                                                                                                                                                                                                              OUTPUT
                                  COMP.
                                                                                                                                    COPP.
                                                                                                                                                                                                                                     COMP.
                                                                                                                                                                                                                                                                                                                                        COMP.
                                                                                                                                                                                                                                                                                                                                                                                CUTPUT
                                                                                                                                                                                                                                                                                                                                                                                                                                          COMP.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               OUTPUT
                                      OMP.

1. 1

6. 1

11. 1

16. 1

21. 1

26. 1

31. 1

36. 1

41. 1
                                                                                                                                                                                                                                                                                                                                                         4. 1

7. 1

14. 2

19. 1

24. 1

29. 1

34. 1

39. 1

44. 1

49. 1

54. 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             0.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               0.8963225
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              0.
0.4093587
                                                                                                                                                                                         0.1332881
0.
0.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   35. 1
40. 1
45. 1
50. 1
55. 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              0.0.0.0.0.
                                                                                                                                                                                                                                                                                                                                                                                                       0.4098358
                                                                                                                                                                                                                                                                                                                                                                                                       0.
0.95363812
                                      LEVEL 2 MS =
                                                                                                                                       0.01000000 BIAS = 0.72691907
  COMP. DUTPUT COMP. OUTPUT CUMP. OUTPUT SUMP. OUTPUT CUMP. OUTPUT SUMP. OUTPUT CUMP.                                                                                                                                                                                                                                                                                                                                         COMP. GUTPUT
0. 0 0.
                                                                                                                                                                                                                                                                                                                                                                                                                                      COPP. QUIPUT
   +++ 2 INPUT V1 INDENTIFICATION CORRECT MINPS=00000000012 NCYCS=00000000014 INDICT=006000000001
-0.09492627
                                                                                                                                                                                                        -0.32979715
                                                                                                                                                                                                        -0.27107944
                                       LF v+L 1 40 =
                                                                                                                                        0.20000000 BIAS = -0.27107944
                                                                                                                                                                                                                                                                                                                                        CUMP. OUTPUT

4. 1 0.

9. 1 0.

14. 1 0.

19. 1 0.

24. 1 0.
                                                                                                                                                                                                                                                                                                                                                                                                                                           CQMP. OUTPUT
64 5. 1 0
10. 1 0
15. 1 0
25. 1 0
                                                                                                                                                                              DUTPUT
                                                                                                                                                                                                                                       COMP.
                                                                                                                                     COMP
                                                                                                                                                                                                                                                                                OUTPUT
                                   COMP
                                                                           DUTPUT
                                                                                                                                                                                         0.
0.0560868
0.
0.
0.4217470
                                                                                                                                                                                                                                                                                                                                                                                                       0.0707964
0.
0.
0.0890306
0.
                                                                                                                                             7. 1
7. 1
12. 1
17. 1
22. 1
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0.
0.
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0.1459005
                                                                                   0.0154879
                                                                                                                                                                                                                                                                                                                                                            29. 1
34. 1
39. 1
44. 1
49. 1
54. 1
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35. 1
40. 1
45. 1
50. 1
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65. 1
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0.
0.
0.
0.
0.
0.
0.1833485
                                                                                   C.
J.
0.2/10391
O.
0.
                                                                                                                                                                                                                                                                                                                                                                                                       0.
0.
0.
0.
0.1660610
                                                                                                                                               27. 1
32. 1
37. 1
42. 1
47. 1
52. 1
                                                                                                                                                                                          0.
0.2113044
0.
0.
0.
                                                                                                                                                                                                                                                                                                  0.1419679
0.7324083
0.
0.0811255
                                                                                                                                                                                            0.4613304
                                                                                                                                                                                     0.
                                       70. 1 0. 62. 1
66. 1 0. 67. 1
71. 1 C. 72. 1
2 DUTPUT OUT UF RANGE, NEW BIAS
                                                                                                                                                                                                                                                                                                                                                                                                         0.4800267
                                                                                                                                                                                                                                                                                                   0.5178607
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                0.
0.
0.64756940
                                                                                                                                                                                                                 0.75542763
                                                                                                                                         0.01000000 BIAS . 0.75542763
    COMP. DUTPUT COMP. DUTPUT COMP. DUTPUT 1.2 0.8920818 2.2 0.1064920 0.0 0. SUM NO. 1 IS 0.89208 SUM NO. 2 I'. 0.10649
                                                                                                                                                                                                                                                                                                                                       COMP. OUTPUT
0.0 0.
    *** 3 INPUT H2 INDENTIFICATION CURRECT MINPS*00000000011 NCYCS*00000000014 INDECT*00000000001
```

K

***** .

```
1 OUTPUT OLT UF RANGE, NEW BIAS = CONTROL=00000000001
1 UPPUT OLT OF RANGE, NEW BIAS = CONTROL=00000003
1 (UTPUT OUT OF RANGE, NEW BIAS =
reaer
reaer
                                                                                             -0.35124192
LEVEL
               I DUTPUT OUT OF RANGE, NEW BIAS = CONTROL =000000000003
L DUTPUT OUT OF RANGE, NEW BIAS = CONTROL =00000000007
L OUTPUT OUT OF RANGE, NEW BIAS = CONTROL =000000000007
5 BIAS CHANGES
LEVEL
                                                                                             -1.08647455
                                                                                                          -1.08647455
                LEVFL I
                                           MS #
                                                             0.20000000 BIAS #
                                                                                                          COMP.
                                                                              OUTPUT
               COMP.
                                 UUTPUT
                                                            COMP.
                                                                                                                3. 1
6. 1
13. 1
                                                                 2. 1
7. 1
12. 1
                                                                                                                                     o.
                                     0.6318640
C.
G.
                                                                                                               18. 1
23. 1
26. 1
33. 1
38. 1
43. 1
48. 1
53. 1
58. 1
63. 1
                                                                17. 1
?2. 1
27. 1
                 16. 1
21. 1
26. 1
31. 1
36. 1
41. 1
46. 1
51. 1
56. 1
                                                                                                                                    0.1246036
0.
0.
                                                                                                                                                                                    0.6001412
                                                                                                                                                                                                                25. 1
30. 1
35. 1
40. 1
45. 1
50. 1
55. 1
60. 1
65. 1
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0.4305101
0.
0.
0.
0.
                                     0.
0.
0.6577417
0.
0.
                                                                                                                                     0. 3559653
                                                                                     0.4424371
                                                                                                                                    0.0575133
0.
0.
                                                                                                                                                                                                                                    0.0974367
                                                                                                                                                                                                                                    o.
                 7'. 1 0.1416042 72. 1 0.0130649 0. 0
2 UTPUT UUT UF RANGF, NEW BIAS = 0.38282470
C1 .TKUL=00C00U000001
1 BIAS CHANGES
                  LFVEL 2 MS =
                                                               0.01000000 BIAS = 0.38282470
                COMP. UUTPUT

1. 2 0.6171753

1. 15 0.61718

2. 15 0.35767
                                                            COMP. OUTPUT COMP. JUTPUT 2. 2 0.3576731 0. 0 0.
                                                                                                                                                        CUMP. OUTPUT
0.0 0.
                                                                                                                                                                                                     COMP. OUTPUT
 SUM NO.
SUM NO.
 *** 4 INPUT V2
MINPS=000000000011
                                                  1 OUTPUT OUT OF RANGE, NEW BIAS = CONTROL=00000000001
1 OUTPUT OUT OF RANGE, NEW BIAS = CONTROL=0000000003
1 OUTPUT OUT OF RANGE, NEW BIAS =
 LEVEL
LEVEL 1 OUTPUT OUT OF RANGE, NEW BIAS =

CONTROL=000C00000003

1 CUTPUT OUT OF RANGE, NEW BIAS =

CONTROL=00000000007

LEVEL 1 OUTPUT OUT OF RANGE, NEW BIAS =

CUNTROL=00C000000007

LEVEL 1 OUTPUT OUT OF RANGE, NEW BIAS =

CUNTROL=00C0000000007

6 BIAS CHANGES
                                                                                              -0.99269754
                                                                                              -0.94515517
                  LEVEL 1
                                            MS =
                                                               0.20000000
                                                                                          BIAS =
                                                                                                              -0.94515517
                COMP.
                                  OUTPUT
                                                             COMP.
                                                                               DUTPUT
                                                                                                                                                                                                                5.
10.
15.
20.
                                                                 2. 1
7. 1
12. 1
17. 1
22. 1
27. 1
32. 1
37. 1
42. 1
47. 1
52. 1
57. 1
                                       0.
0.5057980
                  21. 1
26. 1
41. 1
36. 1
41. 1
51. 1
56. 1
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30. 1
35. 1
40. 1
45. 1
50. 1
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0.
0.
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0.
0.
0.3174058
0.1505861
0.0869453
                                                                                                                                                                                     0.3502648
                                                                                                                                                                29. 1
34. 1
39. 1
44. 1
54. 1
59. 1
64. 1
69. 1
                                      C.

0.

0.5602327

0.

0.

0.
                                                                                      0.9751018
0.3277916
0.
0.2866554
                                                                                                                                                                                                                                     0.1710345
                                                                 62. 1
67. 1
72. 1
NLH BIAS =
                                                                                      0.
                                                                                                                                                                                                                65. 1
70. 1
                                      0.
C.1714049
0.21070910
                  LFVEL 2
                                                               0.01000000 BIAS =
                                                                                                                  0.21070910
                                                             COMP. DUTPUT COMP. OUTPUT 2. 2 1.0000000 0. 0 0.
                C()MP.
1. 2
. 1 IS
. 2 IS
                                  CUTPUT
                                                                                                                                                        CUMP. QUTPUT
0. 0 0.
                                                                                                                                                                                                     COMP. GUTPUT
0. 0 0.
                                     6.
0.
1.00000
```

INDENTIFICATION CORRECT MCMC5=000000000014 INDICT=0000000000001

*** 5 INPUT Y2 MINPS=000CC0000010

```
LEVEL
      LEVE
                                                                                                                                 -0.30530086
                           LEVEL
                                               1
                                                             MS =
                                                                                                                                                          -0.30530086
                                                                                       0.20000000
                                                                                                                            BIAS =
                         COMP.
                                                  OUTPUT
                                                                                     COMP.
                                                                                                              OUTPUT
                            1. 1
6. 1
11. 1
16. 1
21. 1
26. 1
                                                                                                                                                  COMP.
                                                                                                                                                                           DUTPUT
                                                                                                                                                                                                                                                                          COMP.
                                                                                                                                                                                                              COMP.
                                                                                                                                                                                                                                       OUTPUT
                                                                                                                                                                                                                                                                                                    DUTPUT
                                                                                                                      0.
0.2177785
                                                                                                                                                                                                                                                                                                                    0.5601566
                                                                                                                      ٥.
                                                                                           17.
                                                                                                                                                                                      0.1406946
                                                                                                                                                                                                                         19.
                                                                                                                                                                                                                                                    ٥.
                                                                                                                                                                                                                                                                                         20. 1
                                                       0.2803529
                                                                                                                      0.5124598
                                                                                                                                                                                      0.4716786
                                                                                                                                                                                                                                                    0.1876866
0.
                                                                                                                      0.
0.0326330
                                                                                                                                                                                                                         34.
39.
44.
49.
54.
59.
64.
                                                                                                                                                                                                                                                                                                                    0.
0.1796009
                                                                                                                                                                                      0.5483770
                                                                                                                                                                                                                                                                                        40. 1
45. 1
50. 1
55. 1
60. 1
65. 1
70. 1
                                                       0.0079907
                                                                                                                                                                                                                                                    0.
0.
0.
                                                                                           47.
                                                                                                                                                                                                                                                                                                                    0.
0.1431412
0.207,332
                                                       0.3497322
                                                                                                                                                                                     0.1993753
                                                                                                                                                          63.
68.
    71. 1 0. 72. 1 C. 12.                                                                                                                                                                                                                                                                                                                     0.3865726
                                                                                                                                  0.23352690
                                                                                                                                  0.46705382
                          LEVEL 2
                                                             MS =
                                                                                      0.01000000 BIAS =
                                                                                                                                                           0.46705382
                                                                                                                                               COMP.
0. 0
                                                                                                                                                                                                           COMP. 0. 0
                        COMP.
                                                                                   COMP. OUTPUT
2. 2 0.
                                                OUTPUT
                                                                                                                                                                        OUTPUT
                                                                                                                                                                                                                                     OUTPUT
0 0.
                                                                                                                                                                                                                                                                         COMP. OUTPUT
0. 0 0.
                                                     1.000000
1.00000
     SUM NO.
SUM NO.
     ••• 6 INPUT H3
                                                                    INDENTIFICATION CORRECT
HCYCS=000000000014 INDICT=000000000001
  -0.45862404
                                                                                                                               -1.19796059
               .. CUNTROL=0000000000007
   LEVEL 1 OUTPUT OUT OF RANGE, NEW BIAS = -1.13634920

-- CONTROL-000000000007

6 BIAS CHANGES
                         LEVEL L
                                                                                     0.20000000
                                                                                                                           BIAS =
                                                                                                                                                     -1.13634920
                       COMP.
1. 1
6. 1
                                               UUTPUT
                                                                                   COMP.
                                                                                                            OUTPUT
                                                                                                                                               COMP.
                                                                                                                                                                                                                                    OUTPUT CU
L 0.5258948
                                                                                                                                                                        DUTPUT
                                                                                        2. 1
7. 1
12. 1
17. 1
22. 1
                                                                                                                                                                                                                                                                        CUMP.
                                                                                                                   0.
                                                                                                                                                                                  0.1578111
                                                    0.6485136
                                                                                                                                                                                                                                                                                                                0.0646013
0.7981276
                                                                                                                                                       8. 1
13. 1
18. 1
23. 1
28. 1
33. 1
                                                                                                                                                                                                                                                                                     10.
                                                                                                                                                                                                                                                  0.
                         16.
21.
26.
31.
                                                                                                                  0.
                                                                                                                                                                                                                                                  0.
0.
0.1366763
                                                     0.
                                                                                                                                                                                   0.3002881
                                                                                                                                                                                                                       34.
39.
44.
                         36. 1
41. 1
46. 1
51. 1
56. 1
                                                                                                                                                       38. 1
43. 1
48. 1
53. 1
58. 1
                                                    0.
0.
0.1633742
                                                                                                                                                                                                                                                                                      40. i
                                                                                         42.
47.
                                                                                                                   u.
                                                                                                                                                                                                                                                  0.
                                                                                                                   0.0666302
                                                                                                                                                                                  0.0349779
                                                    0.
                                                                                                                                                                                                                                                                                                                0.4180507
                                                                                                                                                                                                                                                                                      60.
                        66. L 0.
71. 1 0.
0 BIAS CHANGES
                                                                                                                                                                                                                                                                                      65.
70.
                                                                                                                                                       68.
                        LEVEL 2 MS .
                                                                                    0.01000000
                                                                                                                          BIAS =
                                                                                                                                                        ٥.
                     COMP.
                                        OUTPUT
                                                                                                        OUTPUT
                                                                                                                                             COMP.
                                                                                                                                                                     OUTPUT
0.
                                                                                                                                                                                                         COMP. OUTPUT
0. U 0.
                         1. 2
1 15
2 15
                                                  1.0787559
                                                                                                                                                                                                                                                                      COMP. OUTPUT
                                                                                                                                                        0. 0
  SUM NO.
  *** 7 INPUT V3 HINPS=000000000007
                                                                  10ENTIFICATION INCORRECT.
NCYCS=000000000013 INDICT=000000000001
-1.12950805
```

LEVEL

```
COMP.
1. 1
6. 1
11. 1
16. 1
                                                                                                                                  OUTPUT CO
1 0.4725170
1 0.
1 0.
1 0.
                                                                                 CUMP.
3. 1
8. 1
                                                                                                0.2040289
0.
                                                                                                                                                                      OUTPUT
                         OUTPUT
                                                             OUTPUT
                             0.
0.5400902
                                                                 0.
0.
0.
                                                                                                       0.3210907
                                                  22. 1
27. 1
32. 1
37. 1
42. 1
                             0.
                                                                                       23.
                                                                                                       0.1835963
                                                                                                                                                                                0.
                                                                 0.0447666
0.
0.
0.
                                                                                                                                                                               0.
0.
0.5307168
0.0684806
                                                                                       28. 1
33. 1
38. 1
43. 1
48. 1
                                                                                                       0.2904099
             31. I
36. I
41. I
46. I
                            0.
0.
0.0356478
0.1911720
             51. 1
56. 1
61. 1
66. 1
71. 1
               1. 1 0. 52. 1
6. 1 0. 57. 1
1. 1 0. 62. 1
6. 1 0. 67. 1
1. 1 0.0280449 72. 1
DUIPUT DUI UP RANGE, HEW BIAS
                                                                 0.1491471
0.0990251
0.
                                                                                      53. 1
58. 1
63. 1
68. 1
                                                                                                                                                                55. 1
60. 1
65. 1
70. 1
0. 0
                                                                                                      0.1528167
0.
0.
0.
                                                                                                                                           0.
0.1987714
0.
                                                                                                                                                                               0.
0.2983401
                                                                                                                                                                                0.
0.0540399
                                                                                                                                           0.0095164
           LEVEL
                                                                         0.50000000
TEAEL
                                                                        99.43409157
LEVEL
                                                                        25.23352289
LEVEL
                                                                        12.86676145
LEAE!
                                                                          6.68338072
TEAET
FEAET
                                                                          2.04584521
                                                                          1.27292264
0.88646135
             LEVEL 2 MS =
                                                - 2A18 00000010.0
                                                                                    1.07969199
                                                                                                                    COMP. 0. 0
CUMP. OUTPUT

i. 2 0.4649660

SUM NO. 1 IS 0.46497

SUM NO. 2 IS C.58472
                                             COMP. OUTPUT COMP. OUTFUT 2. 2 0.5847204 0. 0 0.
                                                                                                                                                       CUMP. OUTPUT
0. 0 0.
                                                                                                                                  CUTPUT
*** 8 INPUT V3
MINPS=000000000006
                                      INDENTIFICATION CORRECT NCYCS=000000000014 INDICT=000000000001
-0.07283637
                                                                        -0.22106490
                                                                        -0.19636014
             LEVEL
                        1 PS =
                                                0.20000000
                                                                     BIAS *
                                                                                      -0.19636014
                                                                                     3 1 0.0

8 1 0.0

8 1 0.1

13 1 0.1

16 1 0.3

23 1 0.
            COMP.
                                              COMP.
                         DUTPUT
                                                            OUTPUT
                                                                                 COMP.
                                                                                                                                                                      OUTPUT
                                                                                                                    COMP.
                                                                                                                                  DUTPUT
                                                                                                                                                       COMP.
                                                                                                      0.0521838
0.
0.
0.
0.3585235
                                                                                                                                                               5. 1
10. 1
15. 1
20. 1
25. 1
                            0.
0.
0.
0.2981156
                                                                 0.
0.
0.0166235
0.0254341
                                                                                                                                                                               0.
0.4177594
0.
0.
             1. 1
6. 1
11. 1
16. 1
21. 1
                                                  2. 1
7. 1
12. 1
17. 1
22. 1
                                                                                                                                          0.
0.1311260
0.3317534
0.2477063
                                                                                                      0.3396001
0.
0.
0.
0.
0.
                                                                                                                                                                               0.0040365
0.
U.
0.
                                                                                                                                           0.125#512
0.
0.
                                                                                                                                                                30. l
35. l
40. l
45. l
50. l
                                                                  0.2505631
                                                                 0.
0.2526452
0.
                                                                                                                                           0.0267182
                                                                                                                                                                                0.1354197
0.
                                                                  0.5442357
                                                                                                                                                                55. i
                             0.0974203
                                                                                                                                           0.3154006
                                                                  0.
                                                                  0.
0.
C.
                                                                                                                                                                                0.2764782
                                                                                                                                           0.2178328
            71. 1 0.0094101 72. 1 0
2 DUTPUT UUT UF RANGF, NEW BIAS =
CUNTROL=00C000000001
2 UUTPUT UUT UF RANGF, NEW BIAS =
CHNTROL=000000000003
2 BIAS CHANGES
                                                                          0.82184163
```

LEVEL

0.20000000

COMP.

ZAIG

-1.01321717

```
LEVEL 2 MS =
                                           0.01000000 BIAS - 0.82164163
                                                                                                         COMP. OUTPUT COMP. OUTPUT 2. 2 1.0000000 0. 0 0.
                                                                                                                      DUTPUT
                       OUTPUT
           JMP.
                          0.
                          0.
                                   | IDENTIFICATION | INCORRECT. | NCYCS=000000000013 | INDICT=000000000001
*** 9 INPUT H4
              O BEAS CHANGES
                                                             BIAS -
                                                                                ٥.
           LEVEL 1
                              MS =
                                            0.20000000
                                                                                                         CGMP. 1
7 4. 1
9. 1
                                                       OUTPUT
                                                                                        OUTPUT
                                                                                                                        CUTPUT
                                                                                                                                          COMP.
                                          COMP.
                       DUTPUT
                                                                                             0.1922597
0.
0.
                                                                                                                              0.0313555
0.1866879
0.2538983
0.1630923
                                                                                                                                                 5. 1
10. 1
15. 1
                                                                                                                                                                0.
0.1997232
            1. i
6. i
11. 1
16. 1
21. 1
                                              2. 1
7. 1
12. 1
17. 1
                                                            0.
                                                                                                                                                                 0.0403540
                                                                                                                14. l
19. l
24. l
29. l
34. l
                                                            0.1760588
0.1801726
                           0.
0.3171718
                                                                                              0.1772898
     0.
0.1488124
                                                            0.
0.3259604
                                                                                                                               0.1486238
                                                                                              0.1112901
                                                                                                                                                   30. l
                                                                                                                                                                 0.
                                                                                33. i
38. l
                                                                                                                               0.0827000
0.0157090
0.2354236
                                                                                                                                                  40. 1
45. 1
50. 1
55. 1
60. 1
                                                            0.2493038
                                                                                                                 44. 1
49. 1
54. 1
59. 1
64. 1
69. 1
                                                            0.
0.
0.2120585
                                                                                              0.0570295
                                                                                                                                                                 0.
0.1737688
0.0541117
0.2550384
                                                                                              0.0135135
0.
0.
                                                                                                                               0.1612224
                                                                                                                               0.2706645
                                                                                                                                                                 0.1993510
LEVEL ...
                                                                   0.50000000
LEVEL
LEVEL
                                                                   1.00000000
LEVEL
                                                                    1.25000000
rever
                                                                   1.12500000
                                                                    1.16750000
 FEAEF
            LEVEL 2 MS =
                                             0.01000000
                                                                 BIAS =
                                                                                 1-18750000
                      0.3322678
0.33227
0.33227
                                           (CAP.
2. 2
                                                        OUTPUT COMP. GUTPUT 0.6790079 0. 0 0.
           COMP.
                                                                                                           COMP. GUTPUT
0.0 0
                                                                                                                                           COMP. OUTPUT
                                    | IDENTIFICATION | INCORRECT. | NCYCS+000000000012 | INDICT-000000000001
 *** 10 INPUT H4
MINPS=0000000000006
0.05539745
                                                                    0.09109573
                                                                    0.10894486
                4 BIAS CHANGES
            LEVEL 1 MS =
                                             0.20000000 BIAS =
                                                                                                                                           0.10894486
                                                                                                           COMP. (
3 4. 1
9. 1
14. 1
2 19. 1
24. 1
H 29. 1
           COMP.
                        109100
                                           CUMP.
                                                        OUTPUT
                                                                           COMP.
                                                                                         OUTPUT
                                                                                                                        OUTPUT
                                                                                                                                                        OUTPUT
                                              OMP.

2. 1

7. 1

12. 1

17. 1

22. 1

27. 1

32. 1

37. 1
                                                            0.1375534
0.1448340
0.2840385
                                                                                               0.0691843
                                                                                                                                0.0919082
0.0881039
0.1573900
0.1205598
                                                                                                                                                                 0.
0.1154515
0.0264341
0.0898488
              1. 1
                           ( •
0 •
                                                                                                                                                5. 1
10. 1
15. 1
20. 1
25. 1
                                                                                               0.
0.
0.1265072
             16.
21.
26.
                           0.2791287
0.1029349
0.0756204
0.1071086
                                                                                               0.
0.102549H
                                                                                                                                0.
0.0932757
                                                                                                                                                                  0.1202169
                                                             0. 1102325
                                                                                                                                                   35. 1
40. 1
45. 1
50. 1
55. 1
                                                                                                                                0.0327698
0.1729473
0.0814200
0.1195927
                                                                                                                                                                  0.
0.0980661
0.1152903
             36. l
41. l
              6. 1 0. 37. 1 (
1. 1 0. 42. 1 (
6. 1 0. 47. 1 (
1. 1 0.1387921 52. 1 (
6. 1 0.1255116 57. 1 (
1. 1 0.0585314 62. 1 (
6. 1 0. 67. 1 (
1. 1 0.1812586 72. 1 (
0UTPUT OUT OF RANGE. NEW BIAS =
OWNEROW RECORDOROUS
                                                                                               0.1310935
                                                            0.

0.0137487

0.0914446

C.

0.

0.1264138
                                                                                                                                                                 0.1166225
                                                                                               0.1217832
                                                                                                                                0.
0.1183386
                                                                                               0 •
0 •;
                                                                                                                                                                  0.0639020
                                                                                                                                                                  0.182579
                                                                                                                                0.1996759
                                                                                               0.
                                                                                                                  69, 1
 LEVEL
 LFVEL
```

•

```
0.01000000 SIAS -
                             LEVEL 2 MS +
                                                                                                                                                                                                                                                                                                                                                          COPP. CLIPUT 0.
                                                                                                         COMP. OUTPUT COMP. CUSPUT
                                                                                                                                                                                                                                                                           0.0 0.
                                                          C.5327831
C.53278
                          COMP.
                                1. 2
1 15
2 15
 *** 11 INPUT H4
HEMPS*0000000000005
                                                                                         INDENTIFICATION CORRECT
WCYCS-000000000014 IN
                                                                                                                                                                                1901CT 000000000001
rever
                                                                                                                                                                    -0.38494562
                                                                                                                                                                    -C.81781490
                                                                                                                                                                     -1-25068419
                                                                                                                                                                                                                                                                                                             CUTPUT
0.
0.
0.
0.
0.
0.
0.
0.
0.
0.
0.
0.
                             LEVEL 1 MS =
                                                                                                              0.20000000 BIAS = -1.09835821
                                                                                                           COMP.

2- 1
7- 1
12- 1
22- 1
27- 1
32- 1
37- 1
42- 1
47- 1
52- 1
57- 1
67- 1
67- 1
                            COPP.
                                                                                                                                            OUTPUT
                                                            OUTPUT
                                                                  UTPUT
0.
0.
0.
0.
6.
0.
C.
0.
C.
0.
C.
0.4561374
C.4232201
C.1136834
C.
                                                                                                                                                                                                                                           C. 6246995
                                                                                                                                                                                                                                                                                                                                                                                5- 1

10- 1

15- 1

20- 1

20- 1

30- 1

30- 1

40- 1

40- 1

50- 1

50- 1

70- 1
                                                                                                                                                                                                                                                                                                                                                                                                                    0.
6.
6.4597136
                              f - 1
6, 1
11, 1
16, 1
21, 1
26, 1
31, 1
36, 1
41, 1
46, 1
51, 1
66, 1
71, 1
                                                                                                                                                       0.
C.
O.
                                                                                                                                                                                                      3. 1
8. 1
13. 1
16. 1
23. 1
24. 1
33. 1
43. 1
                                                                                                                                                                                                                                           ٥.
                                                                                                                                                                                                                                             C. CA +175=
                                                                                                                                                                                                                                                                                                                                                                                                                    0.
5.
0.
0.
0.
3.399#044
5.17:2477
0.
                                                                                                                                                       0.1734835
                                                                                                                                                                                                                                             6.0915916
6.0915916
                                                                                                                                                                                                                                          6.4910316
C.
                                                                                                                                                        ć.
                                                                                                                                                                                                                                                                                            44. 1
49. 1
54. :
59. 1
64. 1
69. 1
                                                                                                                                                        G. 2968858
G. 2968858
                                      C BIAS CHANGES
                                                                                                               0.01000000 BIAS =
                                                                                                                                                                                                          0.
                            CUMP.
1. ?
1. 15
2. 15
                                                                                                            COPP. OUTPUT
2. 2 G.
                                                                                                                                                                                           COMP. CUTPUT
0. C G.
                                                         0.43515
0.43515
C.
                                                                                                                                                                                                                                                                             0. 0 C.
                                                                                                                                                                                                                                                                                                                                                            COMP. CUIPUI
   SUM NO.
SUM NO.
    ••• 12 INPUT V4 IDENTIFICATION INCORRECT.
MINPS=00000000005 NCYCS=00000000013 ENDICT=00000000001
  LEVEL | DUTPUT OUT JF RANGE, NEW BIAS = CONTROL=000000000001 | 1 OUTPUT OUT OF RANGE, NEW BIAS = CONTROL=000000000003 | 1 OUTPUT OUT JF RANGE, NEW BIAS = CONTROL=00C000000003 | 1 OUTPUT OUT JF RANGE, NEW BIAS = CONTROL=00C0000000007 | 4 BIAS CPANGES
                                                                                                                                                                   -0.34234951
                                                                                                                                                                    -0.73555188
                                                                                                                                                                    -0.93190306
                               LEVEL 1
                                                          #S =
                                                                                                               0.20000000 PIAS - -0.93190306
                                                                                                                                                                                                                                                                             CUMP. 4. 1
9. 1
14. 1
24. 1
24. 1
34. 1
39. 1
44. 1
54. 1
59. 1
64. 1
                                                                                                                                            OUT PUT

O.

C.
                            COMP.

1. 1
6. 1
11. 1
16. 1
21. 1
26. 1
31. 1
36. 1
41. 1
46. 1
51. 1
56. 1
                                                                                                                                                                                                                                                                                                              OUTPUT
1 0.
1 0.
1 0.
                                                                                                             COMP.
                                                                                                                  5. 1
10. 1
15. 1
20. 1
                                                                                                                                                                                                                                             0.5741462
0.
0.
0.
0.1899049
                                                                                                                                                                                                                                                                                                                                                                                                                    0.
0.
0.3563718
                                                                                                                                                                                                        e. 1
13. 1
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0.
0.
0.
0.
1371602
0.
0.
0.
                                                                                                                                                                                                       23. 1
28. 1
33. 1
38. 1
43. 1
45. 1
53. 1
                                                                                                                                                        U-2065566
                                                                                                                                                                                                                                                                                                                                                                                  25. 1
                                                                                                                                                                                                                                                                                                                                                                                                                      0.
                                                                                                                                                      U.2065566

C.

C.

C.

C. 2464758

O.

C.3614234
                                                                                                                                                                                                                                                                                                                                                                                                                    0.
6.
0.
0.3198858
C.2364838
0.
                                                                                                                                                                                                                                                                                                                                                                                  35. 1
40. 1
45. 1
50. 1
50. 1
                                                                                                                                                                                                                                             0.20 10726
                                                                                                                                                                                                                                             C.
2.523898#
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LEVEL 2 MS = 0.01000000 BIAS = 0.88950272
               COMP. OUTPUT COMP. OUTPUT COMP. OUTPUT
SUM NO. 1 IS 0.35852
SUM NO. 2 IS 0.63246
                                                                                                                                                                        COMP. OUTPUT
0. 0 0.
                                                                                                                                                                                                               COMP. EUTPUT
0.0 9.
               *** 13 [NPUT V4
KINPS=0000000000004
                                                             INDENTIFICATION CORRECT
NCYCS=0000000000014 INDICT=000000000001
             2 BIAS CHANGES
                              LEVEL 1 MS .
                                                                           0-20000000 BIAS = -0.12713496
                                                                       COMP.
2- 1
12- 1
17- 1
22- 1
27- 1
32- 1
37- 1
42- 1
57- 1
                                                                                            OUTPUT COMP.

0-1816023 3. 1
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Q.0521366
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0.0899530
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          64. 1
69. 1
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0.1845209
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                           LEVEL ? MS = 0.01000000 8[AS * 0.53652395
          COMP. DUTPUT COMP. DUTPUT CLAP. DUTPUT SUM NO. 1 IS 0.3284628 2. 2 0.7458379 0. 0 0. SUM NG. 2 IS C.74584
                                                                                                                                                                 COMP. QUTPUT
0. 0 0.
                                                                                                                                                                                                                COMP. GUTPUT
           ••• 14 INPUT H5 IDENTIFICATION INCORRECT.
MIMPS=000000000004 NCYCS=00000000013 INDIC
                                                                                                               INDICT=00000000000001
        LEVEL 1 OUTPUT OUT DF RANGE, NEW 8145 * 0.02200320

LEVEL 001871=000000000001
1 DUFPUT OUT OF RANGE, NEW 8145 * 0.05705230

CONTROL=00000000003
2 BIAS CHANGES
COMP. QUIPUT COMP. QUIPUT COMP.

1. 1 0. 22. 1 0.152315C

6. 1 0.2006753 2. 1 0.152315C

11. 1 0. 12. 1 0.0152261 1.

16. 1 C. 17. 1 0.24069C5 11

21. 1 0. 27. 1 0. 24069C5 11

22. 1 0. 37. 1 0.1386516 38

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41. 1 0. 2288219 47. 1 0.1522681 43

45. 1 0.2288219 47. 1 0.02124583 45

51. 1 0. 52. 1 0.0830109 53

66. 1 0.2878854 57. 1 0.0830109 53

66. 1 0.10141479 67. 1 0.1987549 68

66. 1 0.0141479 67. 1 0.1987549 68

CONTROL = QUIPUT DUT UF RANGE, NEW BIAS 0.41658786

EVEL 2 QUIPUT DUT UF RANGE, NEW BIAS 0.41658786

CONTROL = QUIPUT OUT OF RANGE, NEW BIAS 0.62498180

LEVEL 2 QUIPUT UT OF RANGE, NEW BIAS 0.62498180

CONTROL = QUIPUT OUT OF RANGE, NEW BIAS 0.77932876
                         TEAET 1 W2 =
                                                                    0.20000000 BIAS = 0.05705230
                                                                                                                                    705230

OUTPUT COMP. OUTPUT COMP. OUTPUT

0.2098614 4. 1 0. 5. 1 0
0.0004455 9. 1 0.0024223 10. 1 0
0.7411326 1... 1 0.1406240 15. 1 0
0.1344568 19. 1 0. 20. 1 0
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                     LEWEL / MS = 0.01000000 BIAS = 0.72902876
   COMP. 'UIPUI COMP. QUIPHI COMP. QUIPUI

SUM NO. 1 IS 0.20144 2. 2 0.8958530 0. 0 0.

SUM NO. 2 IS C.89585
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*** 15 INPUT H5
                                                                                                                                 IDENTIFICATION INCORRECT.
NCYCS+000000G00012 INDIC
                                                                                                                                                                                                                                                           LEVEL 1 DUTPUT OLT UF RANGE, NEW BIAS =
CONTROL=OCCODUDGEO1
LEVEL 1 DUTPUT ULT OF RANGE, NEW BIAS =
CONTROL=OOD DOGGOOGCS
LEVEL 1 DUTPUT OU OF RANGE, NEW BIAS =
                                                                                                                                                                                                                                               0.06685187
                                                                                                                                                                                                                                               0.44375218
                                                                                                                                                                                                                                               0.25530203
     LEVEL 1 UUTPUT OU GF RANGE, NEW BIAS =

CUNTROL=000J00000007
1 UUTPUT OUT UF RANGE, NEW BIAS =

CONTROL=00000U0000007
LEVEL 1 UUTPUT OUT UF RANGE, NEW BIAS =

CONTROL=000000000007
LEVEL 1 UUTPUT OUT UF RANGE, NEW BIAS =

CONTROL=0000000000007
6 BIAS CHANGES
                                                                                                                                                                                                                                               0.20818949
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                                              LEVEL 1 MS 4
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0.0574682
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0.1528969
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0.47480924
      LEAEL
TEAEL
                                                                                                                                                                                                                                           0.94961852
      LEVEL
                                                                                                                                                                                                                                           0-71221389
                                                       3 BIAS CHANGES
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                                                                                                                                                                                                                                                                                         0.71221389
                                                                                             C-1636015 2. 2 0-74
                                        COMP.
1. 2
1 IS
2 IS
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                                                                               DUTPUT
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       SUM NO.
                                                                                                0.76260
       *** 16 INPUT H5
MINPS=0000000000004
                                                                                                                            1DENTIFICATION INCORRECT.
NCYCS=000000000011 INDICT=00000000001
    LEVEL 1 DUTPUT OUT UF RA'...E, NEW BIAS = 

** CONTROL **00C0.0000001

LEVEL 1 OUTPUT OLT OF RANGE NEW BIAS **

** CONTROL **00000000003
                                                                                                                                                                                                                                            0.6-144 143
ARITHMETICS GVERFLEW UCCURFD AT LOC 22054
LEVEL 1 UUTPUT OUT DE RANGE, NEW BIAS =

OCONTROL=00000000003

ARITHMETICS OVERFLEW UCCURED AT LOC 22054
LEVEL 1 UUTPUT OUT UF RANGE, NEW BIAS =

OCONTROL=000000000003

ARITHMETICS OVERFLEW OCCURED AT LOC 22054
LEVEL 1 OUTPUT OUT UF RANGE, NEW BIAS =

OCONTROL=000000000003

ARITHMETICS OVERFLEW OCCURED AT LOC 22054
LEVEL 1 OUTPUT OUT OF RANGE, NEW BIAS =

OCONTROL=000000000003

LEVEL 1 OUTPUT OUT UF RANGE, NEW BIAS =

OCONTROL=0000000000007

LEVEL 1 OUTPUT OUT OF RANGE, NEW BIAS =

OCONTROL=0000000000007

LEVEL 1 OUTPUT OUT OF RANGE, NEW BIAS =

OCONTROL=0000000000007

LEVEL 1 OUTPUT OUT OF RANGE, NEW BIAS =

OCONTROL=0000000000007

LEVEL 1 OUTPUT OUT OF RANGE, NEW BIAS =

OCONTROL=00000000000007
                                                                                                                                                                                                                                             5,70390916
                                                                                                                                                                                                                                            2,88667682
                                                                                                                                                                                                                                             1.47806063
                                                                                                                                                                                                                                            0.77375254
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0.33355998
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                                          LEVEL 1 MS =
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                                      COMP.
                                                                                  OUTPUT
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0.1565528
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0.0998892
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0.1208499
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                                                                                             0.1081267
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              2 DUTPUT DUT UF RANCE, NEW BIAS = CONTROL=00000000001
2 DUTPUT DUT UF RANGE; NEW BIAS = CONTROL=000000000007
2 DUTPUT DUT UF RANGE, NEW BIAS = CONTROL=00000000007
2 DUTPUT DUT UF RANGE, NEW BIAS = CONTROL=00000000007
2 DUTPUT DUT UF RANGE, NEW BIAS = CONTROL=00000000007
5 BIAS L-NANGES
                                                                                       0.50000000
                                                                                       1.47183390
FEAEF
                                                                                       0.98591696
L2VEL
                                                                                        U. 74295849
                                                                                       0.86443771
 LEVEL
                    5 BLAS CHANGES
                                                                                   BIAS *
                                                                                                      0.86443771
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                LEVEL 2
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0. 0 0.
                            0u1FU1
0.4464653
0.44647
0.62212
                                                       COMP. OUTPUT COMP. OUTPUT 2. 2 0.6221224 0. 0 0.
                                                                                                                                                           DUTPUT
              COMP.
1. 2
. 1 IS
. 2 IS
 SUM NO.
                                               *** 17 IMPUT H5
 0.06944443
                                                                                        0.20833330
                                                                                       18.74037457
                                                                                         9.47435391
                                                                                         4.84134364
                                                                                         2.52483848
                                                                                          1.36658591
                                                                                          0.78745963
                                                                                          0.49789649
                                                                                          0.42550571
                                                                                          0.38931033
                                                                                  31AS =
                                                                                                          0.38931033
                                                            0.20000000
                  LEVEL 1 MS =
                                                                                                                                             COMP. 0
6 4. 1
1 9. 1
8 14. 1
5 19. 1
2 24. 1
29. 1
34. 1
39. 1
                                                                                                                                                              0017PUT CC
1 0.0727934
1 0.459283
1 0.454251
1 0.0898567
                                                                                                                                                                                       COMP.
                                                                                                                                                                                                       OUTPUT
                                                                                                   COMP.
                                                                                                                     OUTPUT
                 COMP.
                                 CUTPUT
                                                          COMP.
                                                                           OUTPUT
                                                                                                                                                                                                                  0.
0.
0.1009914
0.0967452
0.0688479
0.1016495
                                                                                                                            0.1002096
0.0862591
                                                                                0.1057373
0.
0.0817891
0.0923342
                                     0.1284265
0.1053948
0.1225451
0.1393000
                   1. l
6. l
11. l
                                                                                                                            0.0846848
0.1147075
0.1154202
                   16. 1
21. 1
26. 1
31. 1
                                                                                                                                                                        0.0882325
0.1045309
0.1122544
                                      0.
0.1141355
0.0022486
                                                                                  0.0301127
                                                                                 0.0301127
0.0318302
0.0954619
0.0959210
0.1165127
0.1238957
                                                                                                                                                                                                 40. l
45. l
50. l
                                                                                                                                                                        0.
0.1024306
0.0973273
                                                                                                                             0.1213466
                                                                                                                                                                                                                    0.0961163
0.0780717
0.1329392
                                      0.0840974
                                                                                                                                                      44.
49.
                                                               42. l
47. l
                                      0.0890428
0.0852917
0.0852917
0.1658866
0.1048335
0.094511
                                                                                                                             0.1335319
                                                                                                                                                                                                 55. l
                                                               52. 1
                       L. 1 0. 52. L C. 6. 1 0.0852917 57. L C. 6. 1 0.1658866 62. L C. 6. 1 0.1048335 67. L C. 1 0.094511 72. L C. DUTPUT DLT UF RAMGE, NEE BIAS =
                                                                                                                                                                         0.1202564
                                                                                                                             0.
0.0932234
0.0431649
                                                                                                                                                                                                                    0.0925953
                                                                                                           63. 1
                                                                                                                                                                         0.
0.0974545
                                                                                  0.0885032
   LEVEL 2 DUTPUT OUT UF RANGE, NEW BIAS =

CONTROL=00000000003

LEVEL 2 DUTPUT OUT UF RANGE, NEW BIAS =

CONTROL=000000000000

LEVEL 2 OUTPUT OUT UF RANGE, NEW BIAS =

CONTROL=000000000007

LEVEL 2 OUTPUT OUT UF RANGE, NEW BIAS =

CONTROL=0000000000007

LEVEL 2 CUTPUT OUT UF RANGE, NEW BIAS =
                                                                                           1.33598762
                                                                                           0.91799481
                                                                                           0.81349611
            ** CONTROL 000U00000007
5 BIAS CHANGES
                    LEVEL 2 MS =
                                                                                      BIA5 =
                                                                                                           0.81349611
                                                           0.01000000
                                UUTPUT COMP. OUTPUT COMP. UUTPUT
U.5295500 2.2 0.4716966 0.0 0.
0.52955
0.47170
                  1. ?
1. IS
2. IS
                                                                                                                                                                                      COMP. OUTPUT
O.O O.
                                                                                                                                              COMP. CUTPUT
0. C 0.
     SUM NO.
                                                  INDENTIFICATION CORRECT
NCYCS=000000000014 INDICT=000000000001
                          INPUT HS
```

MIN*S=0000000000003

```
1 OUTPUT OUT OF RANGE, NEW BIAS = CONTROL=GOCOGOGOGO 1
1 OUTPUT OUT OF RANGE, NEW TIAS =
 LEVEL
                                                                                                                                                              -0.38540535
 LEVEL
                                                                                                                                                             -0.83701277
                           CONTROL=00000000003

1 OUTPUT OUT UF RANGE, NEW BIAS =
CONTROL=000000000000

1 OUTPUT OUT UF RANGE, NEW BIAS =
CONTROL=000000000007

4 BIAS CHANGES
                                                                                                                                                              -1.28862019
 LEVEL
 LEVEL.
                                                                                                                                                               -1.06781649
                             LFVEL
                                                     1
                                                                         MS #
                                                                                                         0.20000000
                                                                                                                                                          BIAS *
                                                                                                                                                                                            -1.06281649
                                                         0.
0.
0.
                          COMP.
                                                                                                      COMP.
                                                                                                                                      DUTPUT
                                                                                                                                                                                  CUMP.
                                                                                                                                                                                                                  OUTPUT
                                                                                                                                                                                                                                                               COMP.
                                                                                                                                                                                                                                                                                              CUTPUT
                                                                                                                                                                                                                                                                                                                                             COMP.
                                                                                                                                                                                                                                                                                                                                                                           OUTPUT
                                                                                                                                              ?.
7.
12.
                                                                                                                                                                                               3. 1
8. 1
13. 1
                                                                                                                                                                                                                                                                                                                0.
                                                                                                                                                                                                                                                                                                                                                             10. 1
15. 1
20. 1
25. 1
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64. 1
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58. 1
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o.
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                                                               0.7149817
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                                                                                                                                                                                                                                                                                                                0.5302852
0.
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0.
0.55/3875
9.1025222
                                                                ٥.
                                                                                                                                                                                                                                                                                                                                                                                                 0.0862084
                                                                                                                                                                                                                                 0.3747192
                                                                                                                                                                                                                                                                                                                0.2677387
                                                                                                                                                0.6152571
                                                                0.0904917
                                                                                                                                                                                                                                                                                                                0.
                            66. 1 0.0904917 67. 1 71. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0. 72. 1 0.
I EAET
  FEAEL
                                    2 6145 CHANGES
                             LEVEL 2 MS =
                                                                                                         0.0100CC00 BIAS =
                                                                                                                                                                                                 0.45743744
                          COMP.
1. 2
1. IS
2. IS
                                                                                                      COMP. OUTPUT
2. 2 0.
                                                                                                                                                                                 COMP.
0. 0
                                                                                                                                                                                                                OUTPUT 0.
                                                                                                                                                                                                                                                               COMP. OUTPUT
0. 0 0.
                                                       OUTPUT
                                                                                                                                                                                                                                                                                                                                             COMP. OUTPUT
C. O G.
                                                              1.0000000
1.00000
C.
  SUP NO.
                                                                                   IDENTIFICATION INCORRECT.
NCYCS=000000000013 INDIC
                                        INPUT VS
                                                                                                                                                                         INDICT=000000: 900-1
  MINPS=000 1000000003
-0.35229795
                                                                                                                                                               -0.76893985
                                                                                                                                                               -1.18558675
                                                                                                                                                               -0.97726330
                                                                                                                                                               -0.87310158
                                                                                                                                                              -0.92518243
                              LEVEL
                                                         1 MS =
                                                                                                           0.20000000
                                                                                                                                                          BIAS *
                                                                                                                                                                                        -0.92518243
                          COMP.
                                                          OUTPUT
                                                                                                       COMP.
                                                                                                                                                                                  COMP.
3.
8.
13.
16.
23.
28.
38.
43.
48.
63.
68.
                                                                                                                                      OUTPUT
                                                                                                                                                                                                                  OUTPUT
                                                                                                                                                                                                                                                                COMP.
                                                                                                                                                                                                                                                                                               OUTPUT
                                                                                                                                                                                                                                                                                                                                             COMP.
                                                                                                                                                                                                                                PUT (

0.3121215

0.

0.

0.

0.
                                  1. 1
                                                                0.
0.
                                                                                                              2.
7.
12.
17.
22.
27.
32.
37.
                                                                                                                                                0.2625197
                                                                                                                                                6. 1
11. 1
16. 1
21. 1
26. 1
31. 1
36. 1
41. 1
46. 1
                                                                0.
C.
0.0743468
0.5896319
                                                                                                                                                                                                                                                                              14.
19.
24.
29.
34.
39.
44.
54.
69.
69.
                                                                                                                                                                                                                                                                                                                  0.2466887
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0.
0.
0.
0.5753982
                                                                                                                                                                                                                                                                                                                                                              20. 3
25. 1
30. 1
35. 2
40. 1
45. 1
50. 1
55. 1
60. 1
65. 1
70. 1
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о.
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                                                                                                                                                                                                                                                                                                                  C.3 '86416
O.1529161
                                                                                                                                                                                                                                                                                                                                                                                                 0.
                                                                                                                                                                                                                                 0.
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47.
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0.
0.1925404
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0.1988973
0.
0.2023373
0.
                                                                                                                                                                                                                                                                                                                  0.
0.
0.
0.2800727
                                                                                                             67. 1
72. 1
NFW BIAS =
                               /1. 1 O.
2 DUTPUT OUT OF RANGE.
   LEVEL
                                                                                                                                                                  0.50000000
                             CONTROL=000000000001
2 OUTPUT OUT OF RANGE, NEW BIAS =
   LEVEL
                                                                                                                                                                   9.53140476
                            2 OUTPUT OUT OF RANGE, NEW BIAS =
CONTROL=00C00000003
2 OUTPUT OUT OF RANGE, NEW BIAS =
CONTROL=000000000007
2 OUTPUT OUT OF RANGE, NEW BIAS =
CONTROL=00C000000007
2 OUTPUT OUT OF RANGE, NEW BIAS =
CONTROL=00C000000007
2 OUTPUT OUT OF RANGE, NEW BIAS =
CONTROL=00C000000007
CONTROL=00C000000007
   LEVEL
                                                                                                                                                                   5.01570213
  LEVEL
                                                                                                                                                                   2.75785106
   LEVEL
                                                                                                                                                                   1.62892555
                                                                                                                                                                   1.06446278
                          2 GUTPUT OLT OF RANGE, NEW BIAS = CONTROL =0000000000T
2 GUTPUT GUT UF RANGE, NEW BIAS = CONTROL =0000000000C07
2 GUTPUT GUT UF RANGE, NEW BIAS = CONTROL =00000000007
2 GUTPUT GUT UF RANGE, NEW HIAS = CONTROL = 00000000007
9 BIAS CHANCES
  LEVEL
  LEVFL
                                                                                                                                                                   1.44780384
  LEVEL
                                                                                                                                                                   1,41725200
```

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7

```
COMP. OUTPUT
0.0 0.
                                                                                                                                                        OUTPUT
                                                                                                                                       COMP. 0
 ### 20 INPUT V5
                                             INDENTIFICATION CORRECT NCYCS=000000000014 INDICT=00000000001
 LEVEL 1 DUTPUT OUT OF RANGE, NEW BIAS = -0.06555659

CONTROL=00000000001

1 DUTPUT GUT OF RANGE, NEW BIAS = -0.13343181

CONTROL=00C00000003

2 BIAS CHANGES
                                                         0.20000000 BIAS * -0.13343181
                LEVEL 1 MS =
                                                                            TPUT COMP.

0.2401834 3. 1
0. 8. 1
0. 13. 1
0. 16. 1
0. 23. 1
0.1375144 28. 1
0.33. 1
                                                                                                                       PUT COMP. 0
0.0613534 4. 1
0.5359581 9. 1
0. 3948807 14. 1
0. 24. 1
0. 29. 1
0. 29. 1
0. 34. 1
0. 39. 1
0. 44. 1
0. 4227104 49. 1
                                                                                                                                                                                 COMP. OU 5- 1
601 10- 1
149 15- 1
20- 1
30- 1
1626 35- 1
40- 1
50- 1
55- 1
                                                                                                                                                         OUTPUT CO
1 0.
1 0.5033561
1 0.3242249
                                                                                                                                                                                                  OUTPUT
                                                                       OUTPUT
               COMP.
                               OUTPUT
                                                       COMP.
                                                                                                                                                                                                             0.
0.
0.
0.0327537
0.0564746
                                                          2. l
7. l
12. l
17. l
22. l
27. l
                                   0.
0.5787833
0.0777799
16. 1
                                   0.
C.
                                                                                                                                                                    0.0353073
                                                                                                                                                                    0.1285426
                                                                                                                                                                                                              0.0296700
                                                                                                                                                                    0.
0.0731065
                                                                                                                                                                   0.
0.
0.
                                                                                                                                                                                            55. 1
60. 1
65. 1
70. 1
                                                                                                                         0.0408852
                                                                                                                                                                                                              o.
                                                                                                                                                                                                              0.
                              OUTPUT COMP. OUTPUT COMP. OUTPUT 0.0300250 2. 2 1.0000000 0. G 0. 0.03003 1.000000
               COMP. OUTPJ*
1. 2 0.03002:
1 IS 0.03003
2 IS 1.00000
                                                                                                                                                                   UT COMP. OL
                                                                                                                                       COMP. (
                                                                                                                                                          OUTPUT
   +++ 21 INPUT H6 IDENTIFICATION INCORRECT.
MIMPS=000000000002 NCYCS=000000000013 INDICT=000000000001
   LEVEL 1 DUTPUT OUT OF RANGE, NEW BIAS * 0.01651862

--- CONTROL-00000000001

LEVEL 1 DUTPUT DLT OF RANGE, NEW BIAS * 0.03679676

--- CONTROL-000000000003
2 BIAS CHARGES
                     2 BIAS CHANGES
                                                           0.20000000 81AS = 0.03679676
                  LEVEL 1 MS .
                                                                         OUTPUT CO
0.1391712
0.
0.
0.
0.
0.
0.
0.2181142
                                                                                                                                                                    OT COMP. CU

O. 5. 1

O.1395712 10. 1

O.1267135 15. 1

O. 20. 1

O.0634334 25. 1

O. 30. 1

O.1571184 35. 1
                                                                                                  COMP.

3. 1
8. 1
13. 1
18. 1
23. 1
20. 1
33. 1
                                                                                                                                          CUMP. OU

4 4. 1

8 9. 1

14. 1

19. i

3 24. 1

29. i

34. i
                                                                                                                                                           OUTPUT
                                                                                                                   OUTPUT
                 CUMP.
                                 00TPU1
0.0173551
                                                         COMP.
                                                                                                                                                                                                              0.
0.
0.0052471
0.0957706
0.2044574
0.1759577
                                                          2. 1
7. 1
12. 1
17. 1
22. 1
27. 1
32. 1
                                                                                                                          0.1570194
0.2344398
                  1. i
6. i
11. i
16. i
                                    0.0173552
0.0617996
0.1295281
0.
0.
0.1436074
0.06_4354
                                                                                                                          0.
0.
0.1245663
                                                                                                                                                                     0.
0.1571184
38. 1
43. 1
48. 1
53. 1
58. 1
63. 1
                                                                                                                          0.
0.1615191
0.1636781
0.1300260
0.1679550
0.
0.
                                                                                                                                                   39. 1
44. 1
49. 1
54. 1
59. 1
64. 1
                                                                                                                                                                                              40. 1
45. 1
50. 1
55. 1
60. 1
65. 1
70. 1
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0.0485307
0.0318955
0.
0.
                                                                                0.2071889
0.0434507
0.2352436
                                                                                                                                                                                                                0.0065665
                                                                                0.
C.
0.1311971
0.2326525
                                                                                                                                                                      0.1901>21
                                                                                         0.85% 8406
                                                                                        0.6/8/4700
```

LEVEL 2 MS .

```
LEVEL
                                 MS .
                                                 0.01000000 BIAS -
                                                                                         0.67874204
            CUMP.
                           OUTPUT
                                                CUMP. OUTPUT
2. 2 0.55
                                                                                                 001#UT
                                                                                                                       COMP. OUTPUT
0. 0 0.
                                                                                                                                                           COMP. OUTPUT
0. 0 0.
               1. 2
! IS
2 IS
                              0.3832837
0.38328
0.55730
                                                                    0.5573021
 SUM NO.
SUM NO.
 *** 22 INPUT H6
                                       IDENTIFICATION INCORRECT.
                                                                              INDICT=000000000001
 LEVEL 1 OUTPUT OUT OF RANGE, NEW 61AS -
CONTROL=0000000000C1
LEVEL 1 GUTPUT OUT UF MANGE, NEW BIAS -
                                                                           0.06584169
                                                                           0.22557193
 -- CONTROL =00000000003

LEVEL 1 UUTPUT OUT OF RANGE, NEW RIAS =
-- CONTROL =00000000007

3 BIAS CHAYGES
                                                                           0.14570782
             LFVFL
                         1 MS =
                                                 0.20000000
                                                                       BIAS -
                                                                                          0.14570782
            CUMP.
                           OUTPUT
                                                COMP.
                                                               OUTPUT
                                                                                                  OLTPUT
                                                                                                                                                                         OUTPUT
1 0.0365545
                                                                                                                                      OUTPUT
              1. 1
6. 1
11. 1
16. 1
21. 1
                              0.1630869
0.0691009
0.1140321
0.0555551
                                                                   0.1136605
0.
0.
                                                                                                        0.10'0436
0.10'0436
0.1402931
0.0931605
0.0524791
                                                                                                                                              0.0982562
                                                                                                                                                                                    0.1007917
                                                                                                                                              0.1036386
                                                                                                                                                                   15.
            0.1612352
0.1184046
0.1224103
0.1016064
                                                                                         18. 1
23. 1
                                                                   0.
                                                                                                         0.1562231
                                                                                                                                              0.1201450
                                                                                                                                                                   25. 1
30. 1
35. 1
40. 1
50. 1
55. 1
60. 1
65. 1
70. 7
                                                                                        25. 1
26. 1
33. 1
36. 1
43. 1
46. 1
                                                                    0-1143647
                                                                                                                                              0.1046045
0.0700211
0.1209866
0.0683535
                                                                                                         0.0984805
                                                                   0.0749590
0.1324454
0.1005801
                                                                                                                                                                                   0.
0.u386205
0.1358189
                                                                                                         0.
0.1522334
                                                                                                         0.0597405
0.0962604
                                                                   0. 58. 1
0.1395309 63. 1
0.0688042 68. 1
0.1160100 0. 0
                                                                                                         0.1065146
                                                                                                         0.0367563
                                                                                                                                              0-1481622
LEVEL
LEYEL
                                                                          0.77397626
LEVEL 2 GUTPUT OUT UP RENU

•• CONTROL =000H000000007
                                                                          0.63698913
             LEVEL 2 MS =
                                                0.01000000
                                                                        RIAS .
                                                                                         0.63698913
            COMP.
                          DUTPUT
                                               COMP.
                                                    MP. OUTPUT
2. 2 0.4633039
                                                                                                                      COMP. DUTPUT
0.0 0
                                                                                                                                                           COMP. OUTPUT
                             0.4566874
0.45669
0.46330
 *** 23 INPUT H6
MINPS*000000000002
                                       IDENTIFICATION INCORRECT.
                                                                              INDICT=0000000000C1
0.06899975
                                                                           4.76152521
                                                                           2.41526249
                                                                           1.24213114
                                                                           0.65556547
                                                                          0.21564122
                                                                           0.28896192
                                                                          0.25230157
        ** CONTROL =0000000000007
           1 DUTPUT DUT OF RANGE, NEW BIAS = CONTROL=000000000007
10 BIAS CHANGES
reaff
                                                                          0.23397140
             LEVEL 1 MS =
                                                0.20000000
                                                                      BIAS =
                                                                                         0.23397140
           CUMP.
                          OUTPUT
                                               COMP.
                                                             OUTPUT
                                                                                                 OUTPUT
                                                                                  COMP.
                                                                                                                      COMP.
                                                                                                                                     OUTPUT
                                                                                                                                                          COMP.
                                                                                                                                                                         CUTPUT
                                                                                                       PUT (
0.1329312
0.1184096
0.0948003
0.0808881
0.1286353
             1. /
6. 1
11. 1
                             0.2751940
0.1122908
0.0987537
0.0787865
                                                   2.
                                                                   0.0937422
0.0731096
0.0414675
                                                                                                                                                                  5. 1
10. 1
15. 1
20. 1
25. 1
                                                                                                                           4. 1
9. 1
                                                                                                                                             0.0863026
                                                                                                                                                                                  0.1107529
                                                                                                                                                                                  0.
0.0831774
0.1016396
0.1038425
                                                                                        8. 1
13. 1
                                                                                                                                              0.0743381
                                                                                                                                              0.1006714
                              C.1264212
                                                  27. 1
                                                                   0.0825145
                                                  27. 1
37. 1
37. 1
42. 1
47. 1
52. 1
67. 1
62. 1
                             0.1217888
0.0783791
0.1098560
0.1374866
                                                                                                                                              0.
0.0417777
              31. 1
                                                                                                        0.0858119
                                                                                                                                                                   35. 1
                                                                                                                                                                                   C. 1015524
                                                                   0.
0.0723047
0.0852425
                                                                                                                                             0.0651214
0.112329)
0.0854628
                                                                                                        0.
0.1378015
0.0830199
0.0865536
                                                                                                                                                                   40.
45.
                                                                                                                             44. i
49. l
54. l
59. l
64. l
69. l
                                                                                                                                                                                   0.0890020
                                                                                                                                                                  50.
55.
65.
70.
                                                                   0.0898712
                             C.
0.0956487
C.0889098
0.1178809
                                                                                                                                              0.0618200
                                                                                                        0.0749081
                                                                   0.0670928
                                                                                                        0.1056624
                                                                                                                                             0.1109871
T1. 1 0.0847633 72. 1 0
71. 1 0.0847633 72. 1 0
LEVEL 2 DUTPUT OUT UF RANGE, NEW BIAS =
CONTROL=000000000001
LEVEL 2 OUIPUT OUT UF RANGE, NEW BIAS =
CONTROL=00000000003
LEVEL 2 OUIPUT OUT UF RANGE, NEW BIAS =
                                                                         0.83386280
                                                                          0.66693141
```

```
** CONTROL=00000000000007
3 BEAS CHANGES
                     BIAS # 0.66693141
                                                                                      COMP.
0. 0
                                                                                                DUTPUT
        COMP.
                  OUTPUT
          1. 2
1 IS
2 IS
                            *** 24 [MPUT H6
MEMPS=0000000000001
-1.04898241
                                                     -1.11169878
          LEVEL I MS .
                                    0.20000000
                                                   BIAS =
                                                             -1.11169878
        COMP.

1. 1

6. 1

11. 1

16. 1

21. 1

26. 1
                                                                                                 OUTPUT
                                                                                                                COMP.
                   OUTPUT
                                  com.
                                             OUTPUT
                                                            COMP.
                                     2. 1
7. 1
12. 1
17. 1
22. 1
                                                 0.3377237
G.
                                                                                                                      10.
                                                 9.3655828
0.
                                                                                                       0.1618958
                                                                            0.
                      0.
0.3762282
                                                                                                                                  0.2672697
0.
                      0.
0.3573058
                                     27. 1
37. 1
42. 1
47. 1
52. 1
57. 1
          36. L
41. 1
46. L
51. 1
56. L
                                                                            0.
                                                                            0.
0.1092327
0.
0.
0.
0.2533318
                                                                                                       0.1176102
                                                                                                                                  0.7769041
                                                0.
0.6482588
0.
          61. 1 0.

66. 1 0.

71. 1 0.

2 OUTPUT DUT UF RANGE,

CONTROL=000000000001

1 BIAS CHANGES
LEVEL ..
                                      NEW BIAS .
          LEVER 2 MS .
                                    0.0100000C BIAS =
                                                                 0.18175649
                                   COMP. OUTPUT COMP. OUTPUT 2. 2 0.0812678 0. C 0.
         CCMP. OUTPUT
0. 0 0.
                                                                                                                COMP. DUTPUT
0. 0 0.
                             *** 25 INPUT V6
-0.38478307
                                                      -0.93262415
                                                     -0.98740825
                                                   @IAS =
          LEVEL 1 MS -
                                                               -0.98740825
                                    0.20000000
         COMP.
1. 1
6. 1
11. 1
                                            1 OUTPUT
                    CUTPUT
                                   COMP.
                                                             COMP.
                                                                        DUTPUT
                                                                                                 OUTPUT
                                                                                                                 COMP.
                                                                                                                           OUTPUT
                                                 0.2927798
0.
0.3070043
                                                                 3. 1
8. 1
13. 1
16. 1
23. 1
26. 1
33. 1
38. 1
43. 1
46. i
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15.
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          16. 1
21. 1
26. 1
31. 1
36. 1
                                                                                                                                  0.0528784
         0.
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0.
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0.
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0.
0.
0.1604751
0.0592992
0.2030519
                                                                            a.
                                                                                                                       30.
                                                                            0.0683592
0.
0.1952639
                                                                                                                                   0.0054071
                                                                            0.
0.
                                                                                                                                   0.6163836
                                                 0.
0.5418272
0.
                                                                 58.
63.
68.
0.
                                                                                                       0.1682640
                                                                                                                                   0.3303981
                                                                            0.2046855
                                                                                                                       65.
                                                                                                                       70.
LEVEL 2 DUFFUT DUT UF RANGE CONTROL=00C000000003 2 BIAS CHANGES
                                                      0.91494210
```

```
G.01000000 BIAS = 0.91494210
          LEVEL 2 MS =
                                                                                              COMP. 0
                                                                                                                          COMP. OUTPUT
0. 0 0.
                                                                                                          OUTPUT
                                     COMP. OUT PUT
2. 2 1.00
                                                                CUPP. OUTPUT
0.0 0.
 COMP. UUTPUT
1. 2 0.0174904
SUM NO. 1 IS 0.01749
SUM NU. 2 IS 1.00000
                                                     1,0000000
                               INDENTIFICATION CUMPECT NCYCS=0000000000014 INDICT=000000000001
 *** 26 INPUT V6
MINPS=000000000014
LEVEL 1 MS =
                                        0.20000000 BIAS = -0.51367731
                                                                                                                           COMP. OUTPUT
5. 1 0.9459795
10. 1 0.
15. 1 0.1619428
20. 1 0.
25. 1 0.
30. 1 0.8458586
                                                                               OUTPUT
                                                                                                           OUTPUT
                                       COMP.
                                                  CUTPUT
           COMP.
                      OUTPUT
                                                      OMP.

2, 1
7, 1
12, 1
17, 1
22, 1
27, 1
32, 1
37, 1
                                                                                   0.
0.1734916
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31. 1

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56. 1

61. 1

66. 1

71. 1
0.4184337
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2407496
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0.0191643
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0.2093493
                                                                                                                                               0.8958586
                                                                                                                                   40. 1
45. 1
50. 1
55. 1
60. 1
65. 1
70. 1
                                                                                    C.,
                                                                                                                  0.0665247
                                                                                                                  0.2085970
                                    0.01000000 RIAS = -0.24535158
  COMP. UUTPUT
1. 2 1.0000000
SUM NO. 1 IS 1.00000
SUM NO. 2 IS C.
                                      CUMP. OUTPUT COMP. OUTPUT 2. 2 0. 0. 0. 0. 0.
                                                                                               CUMP. DUTPUF
0.0 0.
                                                                                                                            COMP. DUTPUT
  LEVEL | MS = 0.20000000 BIAS = -1.24383195
                                                                                                                            COMP. OU 5. 1 10. 1 15. 1 20. 1 25. 1 30. 1 35. 1 40. 1 45. 1 96 50. 1 95 55. 1
                         0.1084265 2.
0.
                                                   OUIPUT COMP
                                                                                OUTPUT
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            CUMP.
                       COTPUT
                                         2. i
7. i
12. i
              1. l
6. 1
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0.3901939
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0.7466089
             6. 1
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21. 1
26. 1
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51. 1
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0.
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0.2849563
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0.4252041
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0.
   56. 1 0. 57. 1 (
61. 1 0.7133543 62. 1 (
66. 1 C. 67. 1 (
71. 1 0. 72. 1 (
LEVEL 2 CUT IT OUT OF RANGE, NEW BIAS =
COMINGLE-COUCUOUCOOGO 1
1 BIAS CHANGES
                                                       0.
0.
0.
0.0248980
                                                                                                      59. 1
64. 1
69. 1
0. 0
                                                                                                                                    60. 1
65. 1
70. 1
0. 0
                                                                        58. 1
63. 1
68. 1
6. 0
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0.
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0.
0.
             LEVEL 2 PS +
                                        0.01000000 BIAS # C 24957976
                                                                                                C. O
   COMP. COUTPUT COMP. COUTPUT COMP.

1. 2 0.3074411 2. 2 0.6975588 0.

SUM NG. 2 15 C.6+256
                                                                         P. OUTPUT
                                                                                                            OUTPUT
                                                                                                                             COMP. DUTPUT
```

```
reaer
" reaer
                             1 OUTPUT OLT OF RANGE, NEW BIAS = CONTROL=OOCOOOOOOO1
1 OUTPUT OUT OF RANGE, NEW BIAS = CONTROL=OOCOOOOOOOO
1 OUTPUT OUT OF RANGE, NEW BIAS = CONTROL=OOCOOOOOOOO
1 OUTPUT OUT OF RANGE, NEW BIAS = CONTROL=OOCOOOOOOO
1 OUTPUT OUT OF RANGE, NEW BIAS = CONTROL=OOCOOOOOOO
7 OUTPUT OUT OF RANGE, NEW BIAS = CONTROL=OOCOOOOOOOO
7 S BIAS CHANGES
                                                                                                                                                            -0.26729409
                                                                                                                                                            -0.42717932
       FEAEF
                                                                                                                                                             -0.50712194
       FEAEF
                                                                                                                                                             -0.54709324
                                  LEVEL 1 MS =
                                                                                                           0.20000000 #1AS = -0.54709324
                                                                                                                                                                                                                                                          COMP. (
4. 1
9. 1
0 14. 1
19. 1
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5. 1
10. 1
15. 1
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                               comp.
                                                             DUTPUT
                                                                                                         COMP.
                                                                                                                                       OUTPUT
                                                                                                                                                                                  COMP.
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                                                                                                                                                                                                                                                                                         OUTPUT
                                   1. 1
6. 1
11. 1
16. 1
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0.0779639
0.0229196
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7. 1
12. 1
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13. 1
10. 1
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50. 1
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0.1574084
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C.
O.
0.4655074
                                                                                                                                                  0.5471705
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29. 1
34. 1
39. 1
44. 1
54. 1
59. 1
64. 1
69. 1
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33. 1
38. 1
43. 1
48. 1
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0.1678454
0.
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0.0045771
0.9023413
                                                                                                                                                                                                                                                                                                                                                                                       0.
                                                                                                                42. 1
47. 1
52. 1
57. 1
                                                                     o.
o.
                                                                                                                                                                                                                              0.
0.1126425
                                                                                                                                                                                                                                                                                                          0.
0.0710272
      46. 1 0. 47. 1 0
51. 1 0. 52. 1 0
56. 1 0. 57. 1 0
61. 1 0. 62. 1 0
66. 1 0. 67. 1 0
71. 1 0. 72. 1 0
LEVEL 2 OUTPUT OUT OF RANGE, NEW BIAS =
CONTROL=0000000001
1 BIAS CPANGES
                                                                                                                                                                                                                                                                                                                                                                                       0.1243924
                                                                                                                                                  0.5848495
                                                                                                                                                                                                                                                                                                                                                       60.
                                                                                                                                                                                                                              0.5423843
0.1663974
0.
                                                                                                                                                                                                                                                                                                          0.6123973
0.
                                                                                                                                                 0.
0.
0.
                                                                                                                                                              -1.06002726
                                   LEVEL 2 MS =
                                                                                                          0.01000000 BIAS = -1.04002726
                               COMP. OUTPUT
1-2 0-549
. 1 IS 0-549
. 2 IS 0-450
                                                                                                        CUMP. OUTPUT COMP. OUTPUT 2. 2 0.4500228 0. 0 0.
                                                                                                                                                                                                                                                                                                                                    CUMP. OUTPUT
0. 0 0.
                                                                                                                                                                                                                                                           0. 0 0.
                                                                   0.5499772
0.54998
U.45002
        ••• 29 [MPUT H2
MEMPS=000000000011
                                                                                        INDENTIFICATION CORRECT
NCYCS-00000000014 INDICT-000000000001
       -0.34883726
                                                                                                                                                               -1.08880955
                                                                                                                                                               -1.03595439
                                   LEVEL 1 MS .
                                                                                                             0.20000000
                                                                                                                                                          BIAS -
                                                                                                                                                                                        -1.03595439
                                                                                                                                                                                                                                                                                                                                    COMP. OI 002 5. 1 10. 1 15. 1 15. 1 17. 1 15. 1 17. 1 15. 1 17. 1 15. 1 17. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 15. 1 
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36. 1
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46. 1
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0.5439692
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22.
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0.5983081
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49. 1
54. 1
59. i
64. 1
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                                                                                                                                               0.
0.
0.
0.1780732 0.
-0.37963179
                                     56. l
61. l
                                                                                                                                                                                                                              0.
        LEVEL 2 MS =
                                                                                                            0.01000000 BIAS = -0.37963179
                               COMP.
1. 2
. 1 15
. 2 15
                                                                                                                                 OUTPUT COMP. OUTPUT
                                                            0.2399171
0.23992
0.23997
0.76008
                                                                                                        COMP.
2. 2
                                                                                                                                                                                                                                                           COMP. OUTPUT
0. 0 0.
                                                                                                                                                                                                                                                                                                                                    COMP. DUTPUT
         ••• 30
                                            INPUT V2
                                                                                             INDENTIFICATION CORRECT
```

TI.

25.4 (17) (18) (18)

4

COMPONENT 1. 1	G-#EIGHTS			
0.44571228	0.51784804	0.50225830	0.49571220	0.49571228
0.49571228	0.50103760	0.49571228	-0.50094404 -0.50094404	-0.50094604 -0.50094604
-0.50094604 -0.50094604	-0.50094604 0.48864746	-0.49337 <i>1</i> 69 0.48864746	0.48664746	0.51661409
0.48864746	0.48264746	0.51881409 -0.50753784	0.51861409 -0.47737122	-0.507537 8 4 -0.47737122
-0.50753784 -0.50753784	-0.5C753784 -0.50753784	0.	0.	C.
COMPONENT 2. 1	C-ME GHT S			
_		0.55.34503	0.54914856	0.49382019
0.48185730 0.48132324	0.47629114 0.49937439	0.55636597 0.46769714	-0.490#2507	-0 .48698 425
-0.50936#40	-G.47148132	-0.51037598	-0.45155334 0.72969055	-0.47724915 0.68521118
-0.59407943 0.38885498	0.19198408 0.14469910	0.48526001 0.56492615	C.80934143	-0.72045898
-0.57656860	-c.33172607	-0.37620544 0.	-0.3764 9 534 0.	-0.91024780 0.
-0.33172607	-0.37649536	U•	••	
COMPONENT 3. 1	G-WEIGHTS			
0.53196716	0.50273132	0.43580627	0.53604126 -0.4 88 92212	0.42697144 -0.46916199
0.52 ⁿ 43420 -0.45663452	0.52404785 -0.46134949	0.51296997 -0.54217529	-0.66563416	-0.45745850
-2.45861416	0.42837524	0.82186890	0.79714966 0.26216125	0.26332092 -0.29382324
0.28805542 ~0.93838501	0.90165710 -0.293 8 2324	0,23738698 -0,4253 8 452	-0.39950562	-0.29382324
-0.42538452	-0.92984009	0.	0.	0.
COMPONENT 4. 1	G-#EIGHTS			
	0.49467468	0.49246215	0.49658203	0.49720764
0.51278647 0.49868774	0.49221802	0.51531902	-0.50627136	-0.55032349 -0.49291 99 2
~0.47709656 ~0.47014843	-0.46795654 0.4934 8 450	-0.505#1360 0.5338#977	-0.50883484 0.50903320	0.54827881
0.51562500	0,44529724	0.48573303	0.46661267	-0.59778381
-0.50978088 -0.49423218	-0.48643494 -0.5097 8 088	-0 . 454 98 657 0.	-0.48764038 0.	-0.4 6934509 0.
		••		
COMPONENT 5. 1	G-wE IGHTS			0.60037415
0.44826796 0.44450378	0.44450378 0.59889221	0,45837402 0,46188354	G.46313477 -0.49087524	-0.54728587
-0.52561951	-0.40524292	-0,55213928	-0.54908752	-0.48764038 0.
-0.44007874 0.63314819	9.77799988 0.82803345	0,82803345 0,58085632	G.20208740 G.14979553	-0.41392712
-0-42095747	0-	-0.64340210	-0.41392212	-0.420 9 5947 0.
-0.64340210	-0.64340210	0.	0.	.
COMPONENT 6. 1	G-WEIGHTS			
0.578/5061	G-54138184	0.46746826	0.49928284	0.52128601
0.56826/82 -0.43115234	0.43646240 -0.53672791	0.38671875 -0.48176575	-0.49189758 -0.42048645	-0.6226 9 592 -0.33039551
-0.48449767	0.18026733	0.57130432	1.00000000	0. -n.49452209
0.57130432	1.00000000	0.47710876	0.	-11-44-35504
-0.38549805 -0.72300720	~0.49348450 ~0. 9 9362183	-0.03086853 0.	-0.3854 98 65 0.	-0.4934 8 450 0.
COMPONENT /- 1		•••	••	••
	0-MC10013			
0.62045288 0.52413940	0.57682800 0.44171143	0.50093079 0.44331340	0.44549397 -0.54782104	0.44 686 416 -0.24046326
-0.54766846	-0-54576111	-0.54708862	-0.54310608	-0.48063640
-0.54740906 0.62222290	0.56263733 0.55767 8 22	0.553 878 78 0.22128296	0.62222290 0.30616760	0.55387878
-0.53330944	~0.49922180	-0.49424744	-0.50300598	-0.43464661 -0.53330 9 94
-0.49922180	-0.50300598	0.	0.	C.
COMPONENT 8. 1	G-4EIGHTS			
0.50198364	0.47888164	0.51875305	0.50143433	0.50355530
0.49111938 -0.50155640	0.4946746 8 -0.45118713	0.50953674 -0.45172119	~0.44833374 ~0.61553955	-0.56744385
-0.46580505	0.68190002	0.59303284	0.10792542	-0.49839783 0.42344466
0.681900U2 -0.53582/64	0.10792542 -0.44465637	0.45933533 -0.44465637	0.9444 86 53 -0.53582764	-0.44465 6 3 <i>7</i> -0.93519592
-0.21444702	-0.44465637	0.	0.	0.
COMPONENT 9. 1	G-WE GHTS			
0.34465662	0.50201-16	0.52038574	0.51159668	0.54426465
0.5 456116	0.51826477	0.47821045	-0.50120544	-0.53228760
~0.4/7462/7 -0.486C8398	-0.47831726 0.62271118	~0.50526428 Q.30639648	-0.51971436 0.37 9074 10	-0.4 9 961 8 53 0.62271118
0.37907410	0.55004883	0.37907~10	0.76684900	-0.49000549
-0.80627441 -0.35183716	-0.351#3716 -0.351#3716	-0.56268311 0.	-0.73362732 0.	-0.351 03 716 0.
COMPONENT 10. 1		· •	- -	••
0.48107910 0.48652649	0.43376160 0.46131897	0.56216431 0.45767212	0.45736694 -0.49629211	0.66007996
-0.50834656	-0.50222778	-0.49478149	-0.42317200	-0.56321716 -0.50970459
-0.50222178 0.49343877	0.83434021 0.83434021	0.51542664 0.51542664	0.16952515 0.16952515	0.45793152
-0.48061049	-0.48001099	-0.44450376	-0.42248535	-0.48001099 -0.76840210
-0-48001097	-0.44450378	0.	0.	0.

COMPONENT 11. 1 G-WE	EGHTS			
A 44831363	0.44244385	0.44083049	0-45272027	0.44471741
0.46011353 0.46331360	0.74447048	0.54930115	-0.55746460	-G.57310486
-0.54604004	-0.57420349	-0.55480647	-0.55593872 0.50033569	-0.05268860 0.59243774
-0.56370544 0.59243774	0.59243774 0.60310364	0.5+243774 6.5110015 9	0.01576233	-0.48098753
-0.47029114	-0.54239319	-0.57307434	-0.48098755	-0.48098755
-0.47029114	-0-48098755	0.	0-	0.
COMPONENT 12. L G-WE	LOITS			
0.49925232	0.51409912	0.50633240	0.51361084	0.44613647
0.51225201	0.51190184	0.49438347	-0.51330546	-0.54786482
-0.48207092	-0.50230408	-0.50253296	-0.50546265 0.55892944	~0.47090149 0.40368652
-9.47550964 0.45932007	0.56196594 0.55892944	0.46234131 0.53546143	0.45932007	-0.43336487
-0.45480237	-0.58057727	-0.53295898	-0.43334487	-0.53295898
			<u>.</u>	
-0.58857727	-0.43336487	0.	0.	0.
COMPONENT 13. 1 G-WE	GIGHTS			
0.40553284	0.44085693	0.45077515	0.57740413	0.5589904
0.56303404	0.43898010	7.5632528	-0.5471 449 2 -0.45272473	-0.48710437 -0.59132385
-0.45227051 -0.46556519	-0.53002930 0.22732544	-0.45426941 0.88447461	0.45533752	0.22732544
0.63432312	0.88647461	0.45533752	0.22732544	-0.29640198
-0.70334914	-0.93138123	-0.52441406 0.	-0.2 9 64019 8 0.	-0.70336 9 14 6.
-0.27226257	-0.27226257	U -	••	••
COMPOSENT 14. 1 G-WE	EIGHTS			
0.47113037	0.49854567	0.49978638	0.53979492	0.54202271
0.30265991	0.53816223	0.52780151 -0.53684998	-0.48274231 -0.45397949	-0.53545979 -0.47509766
-0.53227234 -0.53500344	-0.44836424 0.32075500	0.32676697	u-60981 750	0.87648010
0.32423401	0.61318970	0.40713196	0.32159424	-0.85140 99 1 -0.56233215
-0.56233215	-0.29570007 -0.29570007	-0.29570007 0.	-0.84107971 0.	0.
-0.29570007		••		
COMPONENT 15. 1 G-W	EJGHTS			
0.49583435	0.48652649	0.56654358 0.50688171	0.50334147 -0.3636322G	0.50007629 -0.516 98 503
0.49504089 -0.519°3443	0.44570923 -0.520 9 0454	-0.52674866	-0.52482605	-0.51399231
-0.51303101	0.48709104	0.39080811	0.36213684	0.60009766 -0.49961689
0.61375427	0.44520569 -0.53923035	0.39080811 -0.56790[6]	0.71003723 -0.31 6 25366	-0.48481750
~0.48481750 ~0.53923035	-0.56790161	0.	e.	0.
COMPONENT 16. 1 G-H	£1 GHTS			
0.4 710144	0.46731567	0.46543884	0.40104201	0.43612671
0.46026611	0.59730530	0.56533813	-0.50912474	-0.51731673
-0.40357971	-0.49983215	-0.53427124	-0.47135925 0.34231567	-0.54090681 0.50639343
-0.52357483 0.63687134	0.63487134 0.49215698	0.49215698 0.33804321	0.55514526	-0.54096985
-0.52674866	-0.540 9 £985	-0.39627075	-0.54096985	-0.52674846
-0.33630676	-0.54096985	6.	0.	0.
COMPONENT 17. 1 G-W	EIGHTS			
0.52438354	0.49758911	0.47924805	0.52436354	0.52438354
0.46443176	0.45703125	0.52799988	-0.52865601 -0.54785156	-0.46054077 -0.4716C339
-0.46832275	-0.48559570 0.315***13	-0.55763245 0.71258545	0.31533413	0.71258545
0.67533675	0.67533875	0.31533813	0.27807617	-0.39135742
-0.39135742	-0.42866516 -0.39135742	-0.39135742 0.	~0.62589722 0.	-0.39135742 0.
-0.78945051		V.		
COMPONENT 18. 1 G-W	IE I GHTS			
0.49034119	0.49012756	0.51741028 0.51618958	0.46118164 -0.49780273	0.49259949 -0.49903870
0.51919556 ~0.42554092	0.51292419 -0.51716614	-0.51170349	-0.49742176	-0.54336548
-0.50653076	0.66609192	0.43391419	0.71662903	0.48446655
0.23409924	0.48385620 -0.43240356	0.697G8252 -0.35154724	0.28181458 -0.58378601	-0.53385925 -0.83219910
-0.41687012 -0.41687012	-0.43240756	0.	0.	0.
CUMPONENT 19. 1 G-H	IEI GHT S			
0.49768066	0.50419617	0.46739197	0.47770691	0.57231140
0.44557190	0.49337769	0.54171753	-0.54081726	-0.48390198
-0.49723816 -0.52093506	-0.48811340 0.33023071	-0.49180603 0.69151306	~0.48428345 0.69151306	-0.49285889 0.44474792
0.60176086	0.57699585	0.33296204	0.33023071	-0.48385620
-0.48114014	-0.39408875	-0.63816833	-0.48385620 0.	-0.39408875 0.
-0.640 88 440	-0.48389620	Û.	v•	٠.
COMPONENT 20. 1 G-M	re I GHT S			
0.53593445	0.46092224	0.46833801	0.51293945	0.53575134
0.53465271	0.52436829 -0.495101 9 3	0.42704773 -0.50286865	-0.49855042 -0.58564758	-0.50407410 -0.51055908
-0.3#024702 -0.57291870	0.53117371	0.60475159	0.60475159	0.42573547
0.511108+6	0.60441589	0.40567017 -9.43930054	0.31236267 -0.43930054	-0.43930054 -0.41960144
-0.41966144 -0.71165466	-0.61836243 -0.51287842	0.	0.	0.

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STEPUMENT ZEG 1 G-	· mc 1 Gert S			
3.47969545	0.53547668			
0.51919330	0.49168396	0.486CAIZA C.48513744	0.4417 2648 -0.51428223	0-56756592
-0.53922756 -0.44862671	-0.50552364	-C.5 93323*	-0.42324829	-0.4142 6 /73 -0.50444031
3.34244363	0.56636371 0.34098816	0.5927 8 573 C.628 7 07 89	0.44075012	0.38282774
-0.57260132	-0.57260132	-0.52114568	0.635:6235 -0.35911011	-0.51464844
-0.51424544 C-PPJ6841 22. 1 G-	-0.57260132	c.	2.	-0.36267517 C.
0.4550933 a 0.50823775	0.4997 8638 0.45509338	G.45509134	6.45509338	0.40430794
-9.57891036	3.	6.56524458 -0.574 9 1946	-0.54429424	-0.54332397
-3.5789;446	0.53747913	C-75614819	-0.57666016 0.75814819	-0.57891846 0.37574109
0.1050567e ~0.66376404	0.50245503 -0.66324994	G. 727 82419	9.78991699	-0.66326904
-3.66.26464	-0.44376904	-C-21633142 %-	-0-01014235 0-0	-0.44309998 0.
CEMPUNENT 23. 1 G-	at IGHTS			
3.43623665	0-50166321	6-49073747	0.531524=4	A 40004014
3.488#3357 -0.49546326	0.50473622 -0.47544 8 61	0.52545120	-0.50460615	0.48986816 -0.46302795
-0-52375175	0.47970277	-G.525550G2 G.47920227	-0.51599121	-0.50448508
0.45835327	0.44556031	6.54219355	0.45873714 0.39504531	0.51164746
-0.44113159 -0.51161194	-0.5[16]194 -0.4782714#	-6.511511+4	-0.51161194	-0.52247620 -0.51161194
COMPONENT 24. 1 G-		c.	3.	0.
3.45780945	0.56271362			
0.53163147	0.56354812	6.57(404 <u>0</u> 5 6.42332458	0.32106010	0.56944275
-0.4161:047	-0-49944340	-0.53581239	-0.33534741 -0.49273682	-0.51380920 -0.49668884
-0.7!761u56 0.78161621	0.17541504 0.78161621	G.78161621	0.39520264	0.34445027
-0.38247681	-0.39215088	C+39520264 -C.78233337	0.34455027 -0.74233337	-0.44360842
-0.39247641	-0.39215088	0.	0.	-0.44300 4 42
COMPONENT 25. E G-W	Elsots			
0.62539673	0-48935754			
7-46269071	0.47492981	C.48921264 C.49827?	0-46585083	0-49531555
-3.55143738	-0.50419091	-0.44522095	-0-52491740 -0-43087769	-0.44/34755
0-56160464 0-62345366	0-673458A6 0-84928494	G. 961 791 99	0.34928894	-0.55594.51 0.31149292
-0.4/924405	-9.35530096	C.64045 44	04059448	-0. 1701355
-0.5£7C[355	-0.41924865	(,	-0.68729736 C.,	-0.3553 009 n 0.
COMPENENT 26. 1 G-W	EISHIS			••
3-51219177	0.51306152	0.50614727	9.51568604	0.40
3.48970532 -0.47326660	0.507#1140 -0.50737000	0.44873747	-0.49807/39	0.50460 <u>61</u> 5 -0.49569702
-0.49504688	0.34479937	-0.508.9197 0.5330202	-0.51968384	-0.49950327
3.34429932	0.53302002	0.55227661	0.55227661 0.55616760	0 58460999
-0.468C93a7 -0.468U+347	-0.44891357 -0.44891357	-0.41653442	-0.624 #120	-0.44809387 -0.65481458
	t (Gent)	0.	o .	0.
0.43296#14	0.46536255			
0.66275024	0.47506714	C.47555542 D.47894287	0.47285461 -9.50869751	0.53645325
-3.496994U? -3.52339172	-0-48344421	-0.51718140	-9.50869751 -0.51716614	-0.50518799
0.28826904	0.24368286 0.58584545	0.58584534	0-78868103	-0.44792175 0.45500183
-0.72972107	-0-2090607	0.28826904 -0.54275513	0.76435852	-0.54275513
-3.18476866	-0.51843262	0.	-0.72972107 0.	-0.54275513 0.
	IGHTS			
0.56376892 0.53614867	0.40348816	0-48559570	0.48243713	0.61734009
-0.50563647	0.48559570 -0.48077393	0.48561096	-0.49913025	-0.48918152
-0.51571655	0.43945068	-0.51208496 0.25964155	-0-50863647 0-56735474	-0.48580931
0.55615234 -0.27566223	0-31634521	0.5)254700	0.58132935	0.74713135 -0.59973145
-0.46542358	-0.65643311 -0.46542358	-0.46542358 0.	-0.65643311 0.	-0.46542358
	EGHTS	•	0.	0.
0.52560425 0.56532532	0.48774719	0-48132324	0.48497009	0 444
-0.57/57/63	0.58529663 -0.50651550	0.46308899	-0.485) 246	0.46661377 -0.46083069
-3.49543762	0.52830505	-0.50547731 0.41548157	-0.51049805	-0.50845337
0.42732239 -0.48068237	0.51341248	0.43150330	0.54017639 0.51754761	0.62622070
-0.48068237	-0.48068237 -0.4806 <u>8</u> 237	-9.4*077915 0.	-U.59350556	-0.49557495 -0.50741577
(NMPU ENT 30 - 1 G-ME	[GHTS	••	ų.	Ü.
0.46463013	0.45564270	0.//12238H	C-47383118	0 4411
0.46110535 -0.50830078	0.44680786 -0.26766968	0.48352051	-0.56550598	0.44119263 -0.50811768
-0.56175232	0.36387634	-0.53036499 0.10 0 94775	-0.50477600	-0-55348206
0.41728/10	0.61790466	0.12116194	0-61790466 0-67344666	0.47282410
~0.34505005 -0.44438660	-0-39505005 -0-50491333	-0.65002441	-0.50491333	-0. /0556641 -0. \2505055
	17. 2047[333	0.	0.,	0.

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COMPONENT 31. 1 G-W	EIGHTS			
0.50315457	0.51730347	0.52127075	0.45672607	0.50007629
0.47064700 -0.51931103	0.5\2+0376 -0.36600159	0.5:876831 -0.45491028	-0.51788330 -C.51371765	-0,53137207 -0,54924011
-0.527511.60	0.38668823	G.52430725	0.51921082	0.56488037
0.54605530	0.38273621	0.43894958	0.61714172	-0.22048950 -0.51135254
-3.40376282 -0.55185462	-0.5:017761 -0.55699158	-0.693 450 53 0.	-0.55166462 0.	0.
-0.77105702	-3133077130	••	• •	**
COMPONENT 32. L C	i—ME1 GHTS			
0.63795471	0.46174622	0.46333313	0.46339417	0.55780029
0.46376038	0.48405457	0.46794128	-0.54862976	-0.47103887
~0.54945374	-0.43646240 0.31999207	-0.45405579 0.31964111	-0.55091858 D.61614990	-0.44030762 C.63275146
-0.54911804 0.43957520	0.42294312	0.61614990	0.6?275146	-6 43737793
-0.57353210	-0.36370850	-0.55729675	~0.55690002	-0.55729675
~0.57353210	-0.36032532	0.	0.	0.
COMPONENT 33. 1 2	-wE1GHTS			
			0 50000133	0 40043034
0.49942017 0.49815369	0.49691772 0.49773696	0.50314331 0.49731445	0.50880432 -0.51033020	0.49842834 -0.49984741
-0.497C5505	-0.51063538	-0.50996399	-0.45043945	-0.51002502
-0.51167297	0.45579529	0.45579529 0.56828308	0.44909668 0.44909668	0.56828308 -0.50/00378
0.48532164 -0.507C0378	0.5662 8 308 -0.51373291	-0.51373291	-0.43072510	-0.50700378
-0.51373291	-0-50700378	0.	0.	0.
COMPONENT 34. 1 (G-WEIGHTS			
COMPONEN: 34. I	7-461 MH 3			
0.51394653	0.45906067	0.52542114	0.53190613 -0.50157166	0.50041199 -0.52040100
0.46412659 -0.50668335	0.51147461 -0.50041199	0.49360657 -0.46370361	-0.49919128	-0.49980164
-0.48822021	0.57765724	0.73625183	0.46707153	0.38546753
0.49761963	0.40609741 -0.50724792	0.12770081 -0.39685059	0.80209351 -0.23828125	-0.50724792 -0.50724792
-0.48812866 -0.58862305	-0.76631165	0.	0.	0.
COMPONENT 35. 1 (S-WE I GHTS			
0.50399780	0.48919678	0-48661804	0.47767639	0.4676361.
0.480#5022	0.47135925	0.62263489	-0.38476563 -0.53477478	-0.52925110 -0.54138184
-0.52925110 -0.52925110	-0.53898621 0.70260620	-0.41226196 0.11772156	0.76481628	0.76716614
0.12005615	0.70495605	0.12005615	0.70260620	-0.54533386
-0.54533386 -0.60620117	-0.54533386 -0.60620117	0• 0•	-0.54533386 0.	-0.60620117 0.
-0.00050111	-0.0001011	v.	••	••
COMPONENT 36. 1	G-NE I GHTS			
0.40348816	0.50305176	0.95422363	0.40248108	2,47850/18
0-42875671	0.39956665	0.42979431	-0.57148743	-0.36335754
-0.56303406	-0.57777405 0.96052551	-0.57296753 6.48051453	-0.37857056 0.	-0.61793622 (.53286743
-0.35478210 0.96052551	0.10499573	C.	0.96052551	-0.26487732
-0.62622070	-0.62622070	-0.21795654	-0.26487732	-0.62622070
-0.62627070	-0.74732971	0.	0.	0.
COMPONENT 37. 1	G-WEI GHTS			
0 650/3030	0.55213928	0.540#7000	0.46046448	0.47380066
0.55043030	0.73213728	0.56987000	0.40040440	0.4130000
0.57470703	0.47563171	0.34292603	-0.46162415	-0.50457764
-0.46160889 -0.53030396	-0.49748230 0.77642822	-0.52339172 0.64369202	-0.54432678 0.35626221	-0.47665405 C.64369202
0.22351074	0.3>626221	0.22351074	0.77642822	-0.2/677917
-0.52281189 -0.81022644	~0.81022644 ~0.39007568	-0.39007568 0.	-0.27677917 0.	-0.52281189
	-	••	.	0.
COMPONENT 38. 1	G-WFIGHTS			
0.52311707	0.44973755	0.57128906	0.46118164	0.58628645
0.45018005	0.44973755	0.50842285	-0.55500793	-0.21485901
-J.55500793 -0.53164673	-0.55262756 0.65121460	-0.55490112 0.82482910	-0.56939697	-0.46652222
0.65182495	0.82462910	0.22244263	0. 0.82482910	0. -0.60261536
-0.60319519	0.	-0.60319519	-0.60319519	-0.38139343
-0.60319519	-0.60319519	0.	0.	0.
COMPUNENT 39. 1	G-WEI GHTS			
0.51855469	0.50535583	0.50894165	0.50932312	A 60000314
0.49452209	0.44749451	0.50767517	-0.50367737	0.50808716 -0.51280212
-0.43345642	-0.51211548	-0.50942993	-0.51217651	-0.50460652
-0.51152039 0.49603271	0.58573914 0.44721985	0.49603271 0.39179993	0.49868774 0.6372 2 229	0.44721985 -0.53826904
-0.48548889	-0.54087830	-0.436660/7	-0.43403625	-0.53826904
-0.48548889	-0.54087830	0.	0.	0.
COMPONENT 40. L	G-WEIGHTS			
0.498C9265 0.50054932	0.47837830 0.51202393	0.441C5835 0.49208069	0.49847412 -0.49806213	0.52929688
-0.5023498	-0.50234985	-0.44920349	-0.54408264	-0.49919128 -0.50234985
-9.50234981	0.44866780	0.44886780	0.55590820	0.53546143
0.42842102 -0.52615356	0.53546143 -0.50570679	0.44886780 -0.50570679	0.59802246 -0.50570679	-0.41909790 -0.52615356
-0.50570679	-0.50570679	0.	0.	0.

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COMPUNENT 41. 1 S-	·EEGHTS			
* ****				
0.49635315 0.446 79 260	0.50521851	0-49298696	0.49897766	0.26325145
-0.49457275	0.47388897	0-4 96 49048	-0.50505066	-0.52178955
-0.50973511	~0.54356384 0.56578064	-0.50509644	-0.41323653	-0.50192241
9.58091736	0.51614380	0-56578064	0.50102234	0.39707947
-0-45420837	-0.51895142	0-41220093	0.46104431	-0.45420037
-0.51895142	-0.62287903	-0.45758057 0.	-0.45420837	-0.51895142
COMPONENT 42- 1 G-W	ELCHIS	v.	0.	0.
	C10(.13			
0.45869446	0.46553040	0.50936890	0.49473572	2 4442342
0.49374390 -0.54063416	0.62359619	0.50936890	-0.52593520	0.44493103 -0.53373718
-0.34233093	-C.34016418	-0. > 7533264	-C.55606079	-0.58573914
3.53474426	0.53474426 0.59924316	0.59924316	0.59924316	0.35607910
-0.43115234	-0.43115234	0.42059326	0.35607910	-0.60978699
-0.43115234	-0.49568176	-0.67417908 0.	-0.49568176	-0-43115234
		v.	0.	0.
COMPONENT 43. 1 G-M	EIGHTS			
0.55880737	0.43305969	0.47004777		
0.43325866	0.44528198	0.47006226 0.45.78223	0.42726135	0-78044128
-0.50484755	-0.49644470	-0.52247620	-0.50447083	-0-50599670
-0+44200290	0.61450195	0.61450195	-0-49978638	-0-52383423
0-42332458	0.58364868	0.58364968	0.64302063 0.01525879	0-52206421
-0.46810913	-0.56056213	-0.53829916	-0.46810913	-0-46810913
-0.56056213	-0.46810913	0.	0.	-0.46810913 0.
COMPONENT 44. 1 G-WE	ETGHIS			•
0.51705933	0.49632263	0 4 30 4 20 7		
0.49890137	C. 51533508	0.47846785 0.512725#3	0.50869751	0.47254944
-0.51341248	-0.51289368	-0.48545837	-0.51268005	-0.44903284
-0.47198486	0.59382629	0.36311340	~0.5255 88 99 0.57969666	-0.51004028
0.38258362	0.4309535 1	0.50141907	0.53506470	0-61331177
-0.53620911 -0.46578979	-0-46578979	-0.43214417	~0.66281128	-0.53927612 -0.46578979
-0.465/84/4	-0.43214417	٥.	0.	0.
COMPONENT 45. 1 G-WE	1 GHTS			
0.54362488	0.43579346			
0.51806641	0.52416992	0.48872375	0.48728943	0-48495483
-0.46362305	-0-45854187	0.51484680 -0.45198059	-0.50614929	-0-45823669
-0.62419128	0.37770081	0.37092590	-0.51698303	-0-52024841
0.28807068	0.67001343	0.64303589	0.68533325 0.24578857	0-71710075
-0.38401794	-0.81500244	-0.39079285	-0.41/80090	-0.39079285
-0.80824280	-0.37551880	0.	0.	-0.41780040 0.
COMPONENT 46. 1 G-WE	IGHTS			••
0.53215027	0.44586182			
0-46864319	0.52671814	0.54640198	0.51364136	0.43016052
-0.50141907	-0.49827576	0.53637695 -0.45474243	-0.54180908	-0.49125671
-0.47673035	0.74928284	0.29330444	~0.53713989	-0.49858093
0.35913086	0.47467041	0.63955688	0.65020752 0.18360901	0.65020752
-0.40661621	-0.40661621	-0.86259460	-0.40661621	-0.40661621 -0.40661621
-0.40661621	-0.69770813	0.	0.	0.
COMPONENT 47. 1 G-WET	I GHT S			
0.51480103	0.49178914	A Santita		
0.46603394	0.45843384	0.50811768	0.50102234	0.54739380
-0.50878906	-0.32035522	0.46217773 4 40p70959	-0.51455688	-0.49874878
-0.45367432	0.21940613	0.46749818	~0.50570679 0.631240~4	-0.51142883
0.51235962	0.46749878	0.59677124	0.50842285	0.59677124
-0.70384216 -0.57855225	-0.41481018	-0.44927979	~0.41481016	-0.45568848 -0.53369141
-0.5/835225	-0.44927479	0.	0.	-0.33304[4]
COMPONENT 48. 1 G-WEI	GHTS			
0.47583008	0.55656433	0.42020534		
0.48115540	0.50637817	0.42030334 0.44924927	0.53800964	0.57247925
-0.26713562	-0.65367126	-0.40867615	~0.49638367	-0.59944153
-0.47166443	0.11984253	0.56463623	-0.51240540 0.56291199	-0.59060669
0.85009766	0.65341187	0.30166626	0.38276672	0.56463623
-0.44709778 -0.44709778	-0.44709778	-0.70407104	-0.44340405	-0.35804749 -0.44709778
	-0.70407104	0.	0.	0.
COMPONENT 49. 1 G-WEI	GHT \$			
0.49826050	0-50-26318	0.51315308	0.39697266	A 6334545
0.52850342 -0.53370667	0.31657104	0.51173401	~0.51637158	0.52749634 -0.46977234
-0.3370667	-0.51925659	-0.51296997	~0.50675964	-0.47129822
0.36439514	0.52394104	0.20300293	0.27490234	0.76466370
-0.17715576	0.72752380 -0.79742432	0.73495483	0.40658569	-0.40455627
-0.39715576	-0.47648671	-0.72547913 0.	-0-40455627	-0.39715576
		••	0.	0.

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COMPONENT SG. 1	G-ME! CHTS			
0.51335144	0.54930115	0.50122070	0.48431394	0.44551086
0.53779602	0.49482727	0.47366333	-0.53959656	-0.48083496
-0.48023987 -0.47772217	-0.55772400 0.49089050	-0.46C80017 0.66173967	-0.40183152 0.66123982	-0.52125549 0.38446045
0.35879517	0.43015747	0.32771301	0.48546869	-0.65760803
-0.35520935 -0.63194275	-0.63194275 -0.65769803	-0.35520935 0.	-0.35520935 0.	-0.35520935 0.
	G-WEIGHTS			
0.54576111 0.46946716	0.50328064 0.45641926	9.50328964 0.50328964	0.50442505 -0.51325989	0.51383977 -C.49046376
-0.54234314	-0.48419189	-0.42742920	-0.51126099	-0.51550293
-0.51550293 0.36389160	0.36389160 0.61657715	0.56419373 0.41629928	0.61657715 0.694610 6 0	0.36359160 -0.49234009
-0.54440300	~0.54440308	-0.29324341	-0.49234009	-0.54440308
-0.54440308	-0.54440308	0.	0.	6.
COMPONENT 52. 4	G-WEIGHTS			
0.42222595 0.53366089	0.55062866 0.48396301	0.49057007 0.57302856	0.41948755 -0.46679688	0.52740479 -0.55738831
-0.45593262	-0.47920227	~0.56971741	-0.54399109	-0.47309875
-0.45382590 0.27346802	0.41171265 0.73924255	0.31512451 0.32080078	0.78849792 0.78088379	0.37005615 -0.37121582
-0.37121582	-0.78964233	-0.46781921	-0.37121582	-0-37121582
-0.78964233	-0.46781921	c.	0.	0.
COMPONENT 53. 1	G-WEIGHTS			
0.51643372	0.46789978	0.49563599	0.50258391	0.50096130
0.49751282 -0.52754211	0.49006653 -0.48605347	0.50856018 -0.52954102	-0.45324707 -0.49070740	-0.48124695 -0.53518677
-0.49644470	1.58601379	0.58691379	0.25877380	0.45087756
0.32153320 -0.43341064	0.52497864 -0.43341064	0.60144043 -0.62332153	0.66232300 -0.76058960	-0.50984192 -0.43341064
-0.43341064	-0.37255859	0.	0.	0.
COMPONENT 54. 1	G-WEIGHTS			
3.47117615	0.56648254	0.55393482	0.50331116	0.47117615
17.47404480	0.4841918 9 -9.51376343	0.47563171 -0.47959900	-0.43568420 -0.51660156	-0.51641846 -0.50839233
-0.51441956 -0.51566042	0.13299561	0.65296936	0.73686218	0.55905151
0.44/58606 -0.58264160	0.72860718 -0.55506897	0.43934631 -0.29341125	0.30253601 -0.55506897	-0.58264160 -0.37727356
-0.47120667	-0.58264160	0.	0.	0.
COMPONENT 55. 7	G-WEIGHTS			
0.50979614	0.49482727	0.46388245	0.51959229	0.53677368
0.53688049	0.46022034	0.47798157	-0.46389771	-0.49266052
-0.49989319 -0.49540710	-0.51310730 0.58529663	-0.51531982 0.50296021	-0.50743103 0.59422302	-0.51275281 0.46852112
0.45547485	0.44555664	0.53680420	0.41111755	-0.47952271
-0.47952271	-0.38824463	-0.51394653	-0.65269470	-0.52700806
-0.47953271	-0.47952271	0.	0.	0-
COMPONENT 56. 1	G-WEIGHTS			
0.48313904	0.48626709 0.53221130	0.53540039 0.45686340	0.53221130 -0.46922302	0.49467468 -0.46153259
0.47421753 -0.53315137	-0.52934265	-0.56016968	-0.45983887	-0.47586060
-0.493#3545	0.69560232	0.24726868 0.67948914	0.28143311 0.28143311	0.34341431 -0.74104309
0.74147034 -0.38879395	0.7297&210 -0.38879395	-0.43907161	-0.83717346	-0.38879395
-0.43907166	-0.37709045	0.	0.	0.
COMPONENT 57. 1	G-WEIGHTS			
0.45872498	0-45872498	0.45872498	0.51586914	0.51141357
0.53926)86 -0.558C1392	0.55342192 -0.42620850	0.50384521 -0.46307373	-0.46368408 -0.56044006	-0.56044006 -0.44514465
-0.52294922	0.72613525	0.30622464	0.59153748	0.76780701
0.34790039 -0.64904785	0.17164612 -0.64904785	0.47705078 -0.05285645	0.61164856 -0.64904785	-0.47277832 -0.64904785
-0.64904785	-0.22912598	0.	0.	0.
COMPONENT 58. 1	G-HEIGHTS			
0.47305824	0.55163574	0.51188660	0.53471375	0.47521973
0.48425293 -0.51101685	0.49389648 -0.46884155	0.47618163 -0.50650024	-0.51293445 -0.51284790	-0.50978088 -0.50399780
-0.47492981	0.60397339	0.37039185	0.65615845	0.42256165
0.549\8779 -0.59291077	0.42256145 -0.46546936	0.37039185 -0.35934448	0.60397339 -0.46546936	-0.46546936 -0.59291077
-0.46546936	-0.5927101/	0.	0.	0.
COMPONENT 59. 1	G-WEIGHTS			
0.51927185	0.44250488	0.51226807	0.44943237	0.50157166
0.52732849	0.50874329	0.53895569	-0.47949219	-0.48561096 -0.53834534
-0.47698975 -0.47949219	-0.49703979 9.59934998	-0.56144714 0.34569092	-0.48168945 0.63861084	0.43495178
0.34658813	0.55024719	0.43495178	0.59934998	-0.71903992
-0.42695618 -0.42695618	-0.42695618 -0.42695618	-0.63066101 0.	-0.42695618 0.	-0.51533508 0.

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	1 (-ations;			
6.5163126	30 411 74 4 7	9.516265#7	2.40341204	0.484935
6.4#3#40# -0.41542U5		(.48628564	-0.35148421	-0.547119
-0.5449066		-0.548539 8 4 0.575754 8 9	-0.53739929	-0.507400
0.4/189020	0-24632568	0.55459375	0.48420410 0.4842219	0.535186 -0.4283111
-0.5367279; -0.423466d		-0.53672791	-0.53672791	-0.274459
COMPONENT 61.	0,,,,,,,,,,	0.	0.	0.
0.775 848 35				
0-40054564	0.44477844	0.42970276 0.47u13#55	0.47845245 -0.53048542	0.448684
-0-5012664; -0-47266387	A115 2150116	-0.52/38953	-0.51049805	-0.5095520 -0.4241021
0.55649133		9.75328064	0.75328064	0.3115692
-0.40824840		C.31156921 -0.43615773	0.01597595	-0.4341572
-0.64518736	-0.43615723	C.	-0.43415723 0.	-0.4341572 0.
COMPONENT 62.	1 G-WEIGHTS			
0 - 51 2 75 6 3 5 0 - 45 3 6 8 9 5 8	***************************************	0.48536682	0.51275635	0-493286
-0.45812406	41712.7077	0.52865601	-0.47598247	-0-523910
-0.51516724	0.56423950	~C.4#655701 0.36344910	-0.48782349	-0.5127109
0.56423950	***************************************	0.16344910	7.40356445 0.57241821	0.4043701 -0.42971 3 0
-0.63050842 -0.42971602	+0.59036255 -0.63050642	-0.42471802 C.	-0.42971802	-0.4297180
COMPONENT 63.		••	٥.	0.
0.47415161	0.44380168	A 24420442		
0.45251465	0.48229950	0.768798 8 3 0.43356323	0-47355652 -0-50823975	0-4712477
-0.50737000	-0.54853821	-0.47949219	-0.44626780	-0-5024544 -0-5216827
0-483306#8 0-36183411	0.33474731 0.26905823	0.64320068	0-30197144	0-8102874
-0.51303101	-0.51303101	0.26905823 -0.48027039	1021869	-0.4802703
-0.51303101	-0.53979492	0.	-0.480270 <i>:</i> 9 0.	-0.4 6 02703
COMPONENT 64.	1 G-WEIGHTS			
7.48181152 0.47752360	0.48982239	G-47259521	0.47259521	0.5225477
-G.56607056	0.51098633 -0.56039429	0-57206726	-0.57974243	-0.5440705
-0.26690614	0.71192932	-0.45317078 0.13107300	-0-52024 8 41 0-73396301	-0.4873657
0-15312195 -0-14445496	0.15312195	0.74246216	0.72042847	0.6538696 -0.5651245
-0.645207.4	-0-64520264 -0-64520264	-0.64520264 0.	-0.56512451	-0.1444549
COMPONENT 65.		••	0.	C.
0.52204895	0.53103638	0.51849365	C-42292786	
0.46089172 -0.51986694	0.53768921	0.46810913	-0.46577454	0.538787#4 -0.6007690
-0.43659973	-0.49880981 0.80489893	-0.44152832	-0.50848389	-0.5281372
0.38659668	0.62507629	0.29017639 0.40745544	0.68768311	0.4760022
-0.61517334 -0.39750671	-0.6986084C	-0.39750671	0.32398987 -0.39750671	~0-39750671 ~0-6966084
OMPONENT 66.	-0.39750671	0.	0.	0.
0.77651978 0.53652954	0.48313904 0.46861267	0.45402527	0.39341736	0.4173126
-0.45899963	-0.52000(27	0.47041321 -0.51512146	-0.53137207	-0-50068665
-0.50999451	0.33126831	0.61483765	-0.54052734 0.79327393	-0.42324829 0.20187378
0.41610718 -0.77587891	0.41610718 -0.36288452	0.52403259	0.70245361	-0.51983643
-0.51983643	-0.59742737	-0.519#3643 0.	-0.519836+3 0.	-0.18443298 0.
INPONENT 67. 1	G-WEIGHTS			-•
0.53268433	0.50607300	0.53041077	J-28447266	0.44157410
0.40505981 -0.48713684	0.51113897	0.488 >4065	-0.47544861	-0.54130554
-0.47372437	-0.47331238 0.54879761	-0.51655579	-0.497863/7	-0.53460693
0.40763855	0.02461243	0.68722534 0.61842346	0+68722534 0+24234009	0.78372192
-0.36486816	-0.26652527	-0.36486816	-0.36486816	-0.3648681 <i>6</i> -0.64996338
-0.96553040 DMPONENT 68. 1	-0.65846252	c.	0.	0.
0.44711609				
0.49020386	0.549#5046 0.4954681·1	0.49230957 0.49101257	0.49185181	0.49214172
-0.49943542	-0.50672913	-0.50431824	-0.50050354 -0.50239563	-0.49925232
-0.50296021 0.40011597	0.59310913	0.43650818	0.37724304	-0.48435974 0.59310913
-0.54876709	0.41362000 -0.53523254	0.59310913 -0.35578918	0.59310913 -0.54876709	-0.57162476
-0.57162476	-0.35578918	0.	0.	-0.51235962 0.
MPONENT 69€ 1	G-WE1GHTS			
	0.46946716 0.55441284	0.47647095	0.44712830	0.53884888
0,49891663 0,48667408	V•フフサキ L 2 8 4	0.52758789	~0.45565796	-0.51296997
0.49891663 0.48667308 -0.52068057	-U_527994AA	-0.52150000	-0. /	
0.48667308 -0.57008057 -0.47744751	-U.52799988 0.27023315	-0.52359009 0.22470093	-0.49284363 0.853820H0	
0.48667408 -0.52068057 -0.47744751 0.62532043	0~27023315 0.84806824		0.85382080	-0.48895264 0.28794861 -0.39442444
0.48667308 -0.52068057 -0.47744751	0-27023315	0.27470093		

```
COMPONENT TO. 1 G-METCHTS
                                                                                                                             0.52833557
0.43031311
-0.44977112
0.44567671
0.27220154
                                                                                                                                                                                                              0.51876931
C.51787642
-C.50491333
O.24142456
O.52354431
                                                                                                                                                                                                                                                                                               C.46958923
-0.50669861
-0.50669861
0.55430603
0.72776794
                                                                                                                                                                                                                                                                                                                                                                                  0-51287842
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MINPS=0000000000010
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L 1 OUTPUT OUT OF RANGE, NEW BIAS = - CONTROL=00000000001 LEVEL -0.24209225

LEVEL -0.40872397

LEVEL -0.57535568

LEVEL 1 MS = 0.20000000 BIAS = -0.57535568

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MINPS*000000000006
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LEVEL 1 MS -
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2 CUTPUT OUT OF RANGE, NEW BIAS
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LEVEL 2 CUITOUT DLT OF RANGE, NEW BIAS = CONTROL=00C000000001

LEVEL 2 CUITOUT DLT OF RANGE, NEW BIAS = CONTROL=0000000003

LEVEL 2 CUITOUT DLT OF RANGE, NEW BIAS = CONTROL=05000000007
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 ••• 33 IMPUT H4 INDENTIFICATION COPRECT
MEMPS=00000000005 NCYCS=00000000014 INDECT=0000000000001
                    1 UUTPUT OUT OF RANGE, NEW 8145 # -0.37958781
CONTROL=000000000001
1 UUTPUT OUT OF RANGE, NEW 8145 # -0.80675241
LEVEL
LEVEL 1 MS =
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0UTPUT UUT UF RANGE, NEW BIAS
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MINPS=00000000004 NCYCS=00000000014 INDICT=000C00000001
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            LEVEL ..
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                                                                                                                                                                                                                                    0.47345628
                                                           2 BIAS CHANGES
                                                 LFVEL 2
                                                                                                                                                         0.01000000 BIAS .
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                                                                                                                                                   COMP. NUT PUT COMP. DUTPUT
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2 IS
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          *** 35 INPUT H5
                                                                                                                         10EV11F1CATION | INCORRECT. | NCVCS=0000000000013 | INDICT=000000000001
LEVEL I JJTPUT JUT JF RANGE, NEW BIAS =

"" C'NTROL-GOCCOUDOCOO!

LEVEL I CUTPUT OUT JF RANGE, NEW BIAS =

"" C'NTROL-JOCCOUDOCOO!

ARITHMETICC OVER-LUM JCCURFO AT LOC 22054
LEVEL I CUTPUT JUT JF RANGE, NEW BIAS =

"" C'NTROL-SCCOOUJGOCC!

ARITHMETICC OVER-LUM JCCURED AT LOC 22054
LEVEL I CUTPUT ULT JF RANGE, NEW BIAS =

"" C'NTROL-SCCOOUJGOCC!

ARITHMETICC UVERFLUM JCCURED AT LUC 22054
LEVEL I CUTPUT ULT JF RANGE, NEW BIAS =

"" C'NTROL-JOCUUJOOOOC!

ARITHMETICC UVERFLUM JCCURED AT LUC 22054
LEVEL I JUIPUT DUT JF RANGE, NEW BIAS =

"" C'NTROL-SOCOUJOOOOC!

ARITHMETICC UVERFLUM JCCURED AT LUC 22054
LEVEL I JUIPUT DUT JF RANGE, NEW BIAS =

"" C'NTROL-SOCOUJOOOOC!

ARITHMETICC UVERFLUM JCCURED AT LOC 22054
LEVEL I JUIPUT JUT JF RANGE, NEW BIAS =

"" C'NTROL-SOCOUJOOOOC!

LEVEL I JUIPUT JUT JF RANGE, NEW BIAS =

"" C'NTROL-SOCOUJOOOOOC!

LEVEL I GUTPUT DUT JF RANGE, NEW BIAS =

"" CONTROL-SOCOUJOOOOOC!

LEVEL I GUTPUT JUT JF RANGE, NEW BIAS =

"" CONTROL-GOCOUJOOOOOC!

LEVEL I GUTPUT JUT JF RANGE, NEW BIAS =

"" CONTROL-GOCOUJOOOOOC!

LEVEL I GUTPUT JUT JF RANGE, NEW BIAS =

"" CONTROL-GOCOUJOOOOOC!

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LEVEL I GUTPUT JUT JF RANGE, NEW BIAS =

"" CONTROL-GOCOUJOOOOC!

LEVEL I GUTPUT JUT JF RANGE, NEW BIAS =

"" CONTROL-GOCOUJOOOOC!

"" JE BIAS CHAVIES
                                                                                                                                                                                                                                  0.26833336
                                                                                                                                                                                                                              33.91556740
                                                                                                                                                                                                                               17.06175345
                                                                                                                                                                                                                                 8.63514185
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                                                                                                                                                                                                                            0.38937803
                                        LFVEL 1 MS =
                                                                                                                                                0.20000000 BIAS =
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                                   COMP.
                                                                               UUTPUT
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6. 1
11. 1
16. 1
21. 1
26. 1
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0.0858013
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0.C708421
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0-1184831
0-1480287
0-0753910
0-0795996
0-1094912
0-1045192
0-0074314
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LEVEL 2 (UITPUT DUT JF RANGE WEW BIAS = C.MTADL=DDCCODOCODO1
LEVEL 2 DUTPUT DUT UF RANGE, WEW BIAS = CONTECT=000000C000C3
LEVEL 2 DUTPUT DUT UF RANGE, WEW BIAS = CONTECT=000000C000C7
LEVEL 2 DUTPUT DUT GF RANGE, WEW BIAS = CONTECT=00000C000C0OOT
                                                                               0-56000000
                                                                               1-25340479
   reaer
                                                                                0.87440450
                    4 BIAS CHANGES
                LEVEL 2 MS =
                                                    G.01000000 B145 -
                                                                                             C. #7680450
                                                        ₽. OUTPUT
2. 2
                               0.3439667 2.
0.34397
              COMP. OUTPUT
1. 2 0.3439
. 1 IS 0.3439
. 2 IS 0.6259
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3.62% 55 C. C. S.
                                                                                                                           SEPP. CUTPLE
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                                                IDENTIFICATION INCORRECT.
   N1MPS=0000000000004
                                          4C4(?=000000000015
                                                                                 140101-00000000001
  0.06944443
                                                                              0.20833330
                                                                              0.48611103
                  3 BLAS CHAMGES
               1 et 1 ms =
                                                    0-20000000 BIAS -
                                                                                             0.40611103
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4. 1
11. 1
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0.04C3875 3.
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1 0.1399671
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                                0.2232201
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61. 1 0.1549308 62. 1 (
66. 1 0.0490290 67. 1 (
71. 1 0.1007200 72. 1 (
2 OUTPUT DUT UF RANGE, NEW BIAS a
CONTROL=0000000000000
2 OUTPUT OLT OF RANGE, NEW BIAS a
CONTROL=020000000000
3 COUTPUT (BIT OF RANGE, NEW BIAS a
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65. I
70. I
                                                                                                            0.0894427
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  LEVEL
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                                                                             0.98625308
              LEVEL 2 MS =
                                                 0-01000000 BIAS +
                                                                                           0.98625308
 COMP. OUTPUT COMP. OUTPUT

1.2 C.5741775 2.2 0.47

SUM NO. 1 IS 0.57418

SUM NO. 2 IS 0.57015
                                                                    TPUT COMP. CUTPLE 0.4701484 0. C 0.
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NC 400000000004 INI
 M14PS=0000000000003
                                                                               IND1CT=300000000001
LEVEL 1 OUTPUT OUT OF RANGE, NEW RIAS .

CONTROL-000000000001
LEVEL 1 OUTPUT OUT OF RANGE, NEW BIAS .
                                                                          -0.36986504
-0.80934585
                4 STAS CHANGES
            LEVEL 1 MS .
                                                 0.20000000
                                                                        BIAS =
           COMP.
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4. 1
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                             0.0985444
                                                                                                                                                                                     0.2368165
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4 %

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LEVEL 2 (CIPUT OUT # MANCY, WWW STAS N

CONTROL MODOCOLOGODOC)

LEVEL 2 OUTPUT OUT UF MANCY, MEM BIAS N

CONTROL MODOCOMOS

2 BIAS CHANGES
                             LEVEL 2 WS .
                                                                                          0.01900090 #145 +
                                                                                                                                                          0.63424463
                                                                                      Comp. Outp.::
                          COMP.
                                              JUIP.1
                                                                                                                                                                                                                    C. : 0.
        1. 2 C.
Sum w.c. 1 IS G.
Sum w.c. 2 IS 1...oco
                                                                                                                                                                                                                                                                                   0. 0 (
                                                                                                                        1.0000673
      1000000000014 100107+00000000014 4000000000000014
     0.05502172
                                                                                                                                    C-14735718
                                  S STAS LPANGES
                           LFYEL I PS x
                                                                                         0.20000000 #IAS -
                                                                                                                                                         C.1473571#
                                                C.2190197 2. 1
C.2190197 2. 1
C.3751852 7. 1
C.0188401 12. i
                                                                                                               6.2073374 3.
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5.222918C 4.1

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3.1182430 [4.1
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G.J144089
G.1234134
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G. | 744 384
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0.2702065
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#1. 1 0.6/19777 42. 1
#6. 1 0.1954239 47. 1
#51. 1 C. 57. 1 (
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G.C245296
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59. l
                                                                                                                        6.0368574
                                                                                                                                                                                         5.0451392
                                                                                                                                                                                                                                                          0-1018461
                                                                                                                                  0.05460116
                                                                                                                              6.64695087
                                                                                     G.G1000000 PIAS . 0.64045C87
    CUMP. OUTPUT CUMP. OUTPUT CUMP. CUTPUT
1. 2 G.2046147 2. 2 0.7863497 0. C 0.
SUM NO. 1 15 G.20461
SUM NC. 2 15 0.78635
                                                                                                                                                                                                                COMP. CUTPUT
0. 0 0.
                                                                     10ENTLF1CATION INCORRECT.
     MINPS=G000000000002
                                                                                                                                          190000000000001
  0.06900007
                                                                                                                                  2.64320228
                                                                                                                                   1.35610119
 0.71755064
                                                                                                                                    0.39077537
                                                                                                                                    0.22988174
                                                                                                                                    0.31033155
                                                                                                                                   0.24999870
                         LEVEL 1 MS .
                                                                                      0.20000000 BIAS «
                                                                                                                                                       0.74999870
                                           0.2803069
0.0955480
0.1570857
0.
                      1. 1
A. 1
11. 1
16. 1
                                                                                   2. 1
7. 1
12. 1
17. 1
                                                                                                                    TPUT COMP. UUTPUT C
0.0549183 3.1 0.1531481
0.1029295 1.1 0.1288878
0.0353953 13.1 0.0905771
0. 18.2 1 0.0061329
                                                                                                                                                                                                                                                                             COMP. OU
5- 1
10- 1
74 15- 1
20- 1
                                                                                                            OUTPUT
                                                                                                                                                                                                                                                                                                       OutPut
1 0.1138563
1 0.
1 0.0676492
                                                                                                                                                                                                                CUMP.
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                                                                                                                                                                                                                    4. 1
9. 1
14. 1
19. 1
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0.
0.0523474
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PARTY ()

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23. 1
74286 2A. 1
33. 1
38. 1
399651 43. 1
199720 43. 1
58. 1
58. 1
1990480 63. 1
114711 68. 1
117051 C. C
0.500000000
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29. 1
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59. 1
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75. 1
70. 1
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26. 1
31. 1
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0.1372888
0.1081680
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0.0699651
0.1199720
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0.0693748
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                               36. 1
41. 1
                                                                                                                                                                                                                                                                                                                                                                                                                                            0.
0.1165796
                                                                                                                                                                                                                                                       0.1469735
0.1572222
0.1013640
0.0523775
                                                                                                                                                                                                                                                                                                                                                                                                                                           0.0331594
                                                                                                                                                                                                                                                                                                                                                  0.1092984
                                                                                                                                                                                                                                                                                                                                                  0.0673339
0.
0.
0.1295312
                                                                                                                                                                                                                                                                                                                                                                                                                                          n.
o.
                                                                                                                                                                0.
                                                                                                                                                               0.0990480
0.1314711
0.0517051
                                                                                                                                                                                                                                                        0.1794911
LEVE:
0.01000000 BIAS = 0.64335483
                                LEVEL 2
                                                                              = 2H
 COMP. OUTPUT COMP. OUTPUT COMP. OUTPUT COMP. OUTPUT SUM NO. 1 IS 0.41125 SUM NO. 2 IS 0.51102
                                                                                                                                                                                                                                                                                                                                                                           COMP. OUTPUT
0.0 0.
                                                                                                                                                                                                                                                                                      COMP. OUTPUT
   *** 40 INPUT H6
                                                                                             IDENTIFICATION INCORRECT.
                                                                                                                                                                                           INDICT#0 0000000001
LEVEL 1 DUTPUT DUT OF RANGE, NEW BIAS =

ON CONTROL=00C000000001

LEVEL 1 DUTPUT UUT OF RANGE, NEW BIAS =

OCONTROL=00C0000000003

AITHMETICC OVERFLOW OCCURED AT LOC 22054

LEVEL 1 DUTPUT OLT OF RANGE, NEW BIAS =

OCONTROL=00C000000003

ARITHMETICC OVERFLOW OCCURED AT LOC 22054

LEVEL 1 GUTPUT OLT OF RANGE, NEW BIAS =

OCONTROL=00C000000003

ARITHMETICC OVERFLOW OCCURED AT LOC 22054

LEVEL 1 OUTPUT OLT OF RANGE, NEW BIAS =

OCONTROL=00C000000003

LEVEL 1 OUTPUT OUT OF RANGE, NEW BIAS =

OCONTROL=00C000000007

LEVEL 1 UUTPUT OLT OF RANGE, NEW BIAS =

OCONTROL=00C000000007

LEVEL 1 UUTPUT OUT OF RANGE, NEW BIAS =

OCONTROL=00C000000007

LEVEL 1 UUTPUT OUT OF RANGE, NEW BIAS =

OCONTROL=00C0000000007

LEVEL 1 DUTPUT OUT OF RANGE, NEW BIAS =

OCONTROL=00C0000000007

LEVEL 1 DUTPUT OUT OF RANGE, NEW BIAS =

OCONTROL=00C0000000007

LEVEL 1 MS = 0-200000000
                                                                                                                                                                                    0.06899975
                                                                                                                                                                                     4.96798265
                                                                                                                                                                                    2.51849121
                                                                                                                                                                                     1.29374549
                                                                                                                                                                                      C.68137263
                                                                                                                                                                                     0.37518620
                                                                                                                                                                                     0.22209300
                                                                                                                                                                                    7.33691289
                                   LEVEL & MS =
                                                                                                                        0.20000000
                                                                                                                   COMP. OUTPUT COMP. OUTPUT COMP. OUTPUT COMP. OUTPUT 2. 1 0.0890733 3. 1 0.1269749 4. 1 0.0240024 5. 1 0.00815817 8. 1 0.1191513 9. 1 0.0446606 10. 1 0.12. 1 0.0757397 13. 1 0.0811342 14. 1 0.0983822 15. 1 0.17. 1 0. 18. 1 0.0784761 17. 1 0. 20. 1 0.0081342
                                                                   OUTPUT
                                 CUMP.
                                                                                                                                                                                                                                                                                                                                                                                                                                              0.1280424
                                                                         0.3854040
0.0722633
0.1018390
0.0071509
                                                                                                                                                                                                                                                                                                                                                                                                                                                0.0970263
                                                                                                                                                                                                                                                                                                                                                                                                        25. 1
30. 1
35. 1
40. 1
45. 1
50. 1
55. 1
                                                                                                                                                                                                                                                                                                                                                                                                                                               0.0671883
0.0953271
0.1000268
0.0193991
0.0914135
                                                                                                                                                                                                                                                                                                               24. 1
29. 1
34. 1
39. 1
44. 1
49. 1
54. 1
                                                                                                                                                                                                                                                                                                                                                      0.0721067
                                                                           C.
0.1119796
0.0921474
0.1062166
0.1265567
0.1155249
                                                                                                                              22. 1
27. 1
32. i
37. 1
42. 1
47. i
52. 1
57. 1
62. 1
67. 1
72. 1
                                                                                                                                                                     0.
0.1055044
                                                                                                                                                                                                                                                              0.1211267
                                                                                                                                                                                                                                                              0.1211267
0.
0.0985844
0.
0.1492661
0.0587584
0.0784766
                                     21. 1
26. 1
31. 1
36. 1
41. 1
46. 1
51. 1
                                                                                                                                                                                                                                                                                                                                                       0.0638097
                                                                                                                                                                      0.
0.0493112
                                                                                                                                                                                                                                                                                                                                                      0.0684845
0.1165959
0.0774648
0.0764060
                                                                                                                                                                      0.1180854
                                                                                                                                                                                                                                                                                                                                                                                                                                                 0.1114050
                                                                                                                                                                      0.0803721
                                                                                                                                                                     0.0803721
0.
0.
0.0856114
0.0555488
0.1140019
                                                                           C.
0.1111995
0995044
                                                                                                                                                                                                                                                               0.0941480
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70. 1
0. 0
                                                                                                                                                                                                                                                                                                                64. I
69. I
0. 0
                                                                                                                                                                                                                                                               0.1147870
                                                                                                                                                                                                                                                                                                                                                        0.0912507
     U-1188464
       COMP. BUTPUT COMP. OUTPUT CGMP. CUTPUT COMP. COM
                                                                                                                                                                                                                                                                                                                                                                                  COMP. OUTPUT
                                                                                                                                                                                                                                                                                                                                   OUTPUT
         c=+ 41 [NPUT H6
MINPS=000000000001
```

0.

0.1519974

0.0920812

```
LEVEL
                                                                    -0.41020603
   LEVEL
                                                                    -1.38571171
   LEVEL
LEVEL
                                                                   -1.08086620
              LEVEL 1 MS =
                                             0.20000000
                                                                  # ZAIH
                                                                             -1.08086620
             COMP
                          0.
0.
0.
                                                         OUTPUT
                                                                            COMP.
                                                                                         OUTPUT
              1. 1
6. 1
11. 1
16. 1
21. 1
                                                                                                                         CUTPUT
                                                                                                                                          COMP.
                                                                                                                                                        OUTPUT
                                                             0.3526930
                                                             0.

0.

0.

0.

0.

0.

0.
                                                                                                                               o.
o.
                                                 7. 1
                                              7. i
12. 1
17. 1
22. i
27. i
32. i
37. i
42. i
52. i
52. i
                                                                                                                               0.1567979
                            ٥.
                                                                                10. 1
23. 1
26. 1
33. 1
36. 1
43. 1
45. 1
                            0.2206770
                                                                                                                                                                 0-0153374
                                                                                              0.
                            0.2208770
0.3491743
0.3491170
C.
                                                                                              0.
0.0225404
                                                                                                                                                  30.
              36. 1
41. 1
46. 1
                                                                                                                               0.
                                                                                              0.7050848
                                                                                                                               0.1665744
0.
0.2195101
                                                                                              0.
                            0.
                                                                                                                                                  50. I
                                                                                              0.
                                                                                                                                                                0.7615014
                                                                                                                                                 60. i
                                                                                                                                                                0.
0.3634279
                                               62. 1
                                                             C.6134794
                                                                                                                 64. L
                                                                                                                               0.1518798
              66. 1
71. 1
                                              67. 1
72. 1
NEW BIAS =
                                                                  68. 1
0. 0
-0.05658022
                            Ú.
                                                            0.
0.
                                                                                                                                                  70. l
0. 0
                                                                                                                 69.
  LEVEL 2 DUTPUT DUT UF RANGE,
CUNTROL=000000000001
1 BIAS CHANGES
             LFVEL 2 MS .
                                             0.01000000 BIAS -
                                                                              -0.05658022
           COMP. UUTPUT

1. ? O.

1 IS C.

2 IS 1.056
                                           COMP. OUTPUT COMP.
2. 2 1.0565802 0. 0
                                                                                                                                          COMP. OUTPUT
0. 0
                                                                                      CUTPUT
                                                                                                          COMP. CUTPUT
0.0 0.
                           0.
6.
1.05658
  *** 42 INPUT V6
MINPS=000000000014
                                  INDENTIFICATION CURRECT
NCYCS=000000000014 INDICT=000000000001
 LEVEL L OUTPUT OUT OF RANGE, NEW BIAS =

CONTROL=000000000001

LEVEL 1 OUTPUT OUT OF RANGE, NEW NIAS =

CONTROL=00000000003

LEVEL 1 OUTPUT OUT OF RANGE, NEW BIAS =

CINTROL=000000000003

3 RIAS CHANGES
                                                                 -0.48765603
                                                                 -0.71465658
            LFVEL 1 MS .
                                            0.20000000 BIAS = -0.71465658
           COMP.
                        HUTPUT
                                          COMP.
                                                       OUT PUT
                                                                          COMP.
                                                                                       OUTPUT
                                                                            OMP.

3. 1
8. 1
13. 1
18. 1
23. 1
28. 1
33. 1
46. 1
                                                                                                                       CUTPUT
             1. 1
6. 1
11. 1
                                             2. 1
7. 1
12. 1
17. 1
22. 1
                                                           0.
                           0
C,3818021
                                                                                             0.
0.
0.
                                                                                                                                                               1.0610930
                                                                                                                                                               0.0269126
                                                                                                               14. 1
19. 1
24. 1
29. 1
34. 1
39. 1
44. 1
49. 1
54. 1
            16, 1
21, 1
26, 1
                          0.0615953
                          0.
6.
0.
0.8527231
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o.
                                                           0.4466171
                                             32. 1
37. 1
                                                                                                                                                               1.0000935
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0.
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0.1149323
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                                                                                             0.1395535
                                                                                                                                                              0.
                                                                                            0.
                                                                                                                             0.
               64. l
69. l
0. 0
                                                                                                                             0.1484707
LEVEL
-1.97834936
                                                                -1.73917466
           LEVEL 2 MS .
                                           0.01000000 BIAS + -1.73917466
                      COMP. DUTPUT
1.2 1.084
SUM NO. 1 IS 1.084
SUM NO. 2 IS C.
                                                                         COM: . OUTPUI
0. C 0.
                                                                                                                                        COMP. OUTPUT
0. 0
                                                                                                            17. CUTPUT
0, 0 0.
*** 43 INPUT H1
MINPS=0000000000013
                                INLENTIFICATION CORRECT
NCYCS=C00000000014 INDICT=000000000001
                INPUT HI
```

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men of manuscriptonics are need

```
LEVEL
                                                   -1.70075923
-1.19564884
                                                   -1.28233390
                                                BIAS =
                                  0.20000000
                                                           -1.28233390
                  0.0579228
                                           OUTPUT
        COMP.
                                                          COMP.
                                              0.
0.5148539
                                                                                                                 5. i
10. i
                                                                                       4. 1
9. 1
                                                                                                                            0.
0.
                                                                                       14. 1
19. 1
24. 1
29. 1
34. 1
39. 1
44. 1
54. 1
59. 1
64. 1
69. 1
                     0.7843239
                                                                                                                            0.7064882
0.
0.5591998
                     0.3321625
                                               0.1518456
                                                                                                                 35. 1
40. 1
4. 1
                                               ō.
          41. I
                                              0.
                                                              43. 1
                                                                         0.8053764
                                                                                                                             ō.
                                                                                                                 50. 1
55. 1
60. 1
65. 1
                    0.
0.
0.7782473
         71. 1 0. 72. 1
2 OUTPUT OUT UF RANGE, NEW BIAS =
                                              0.
                                                                                                                  0.
LEVEL 2 CUTPUT OUT OF RANGE, NEW BIAS = CONTROL=00000000003

LEVEL 2 OUTPUT OUT OF RANGE, NEW BIAS = CONTROL=00000000003

2 BIAS CHANGES
                                                    0.15702242
                                                    0.31404485
         LEVEL 2 MS =
                                                BIAS =
                                  0.01000000
                                                            0.31404485
                                 COMP. OUTPUT COMP. OUTPUT 2. 2 1.0000000 0. 0 0.
        CUMP.
1. 2
. 1 IS
. 2 IS
                                                                                   COMP. OUTPUT
0.0 0.
                                                                                                           COMP. GUIPUT
0.0 0.
                  OUTPUT
                    C.
0.
1.00000
 *** 44 INPUT V1
MINPS=00000000012
                           INDENTIFICATION CORRECT
MCYCS=000000000014 INDICT=0000000000001
LEVEL 1 MS =
                                  0.25000000
                                                  BIAS *
                                                             -U.6804244L
         COMP.
                   OUTPUT
                                 COMP.
                                            OUTPUT
                                                          COMP.
                                                                    OUTPUT
                                                                                   COMP.
                                                                                             OUTPUT
                                                                                                           COMP.
                                                                                                                      OUTPUT
          1. 1
6. 1
11. 1
16. 1
21. 1
26. 1
31. 1
36. 1
                                    2. l
7. l
12. l
                                              0.
                                                                                                                            0.1286205
                     C.
0.2443183
                                                                         0.
                                                                                                                             0.
0.
                                                                         o.
                                    17. 1
22. 1
27. 1
32. 1
37. 1
42. 1
                                               0.
0.6937383
0.
0.1851306
                                                                                                   0.1090433
                                                                                                                             0.1167223
                     0.
0.4560152
                                                                         0.8954197
                     0.
                                               ō.
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                                                                                                                 50.
55.
60.
65.
70.
                                                                         0.1340233
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                                              0.
0.6949155
0.
0.
                                                              53. 1
58. 1
63. 1
68. 1
                                                                         0.
0.
0.525032H
0.1542652
                                                                                                   0.0464424
          0.1055569
0.
0.
                                                                                                   0.
0.8093879
0.01000000 BIAS # -1.32458714
                                                                                  COMP. 0. 0
                 OUTPUT COMP. OUTPUT CUMP. OUTPUT
0.9357259 2. 2 0.0319479 0. 0 0.
0.93573
0.03195
        COMP.
1. 2
. 1 IS
                                                                                             CUTPUT
                                                                                                            COMP. OUTPUT
 ••• 45 INPUT H2 INDENIIFICATION CORRECT
MINPS=00000000011 NCYCS=00000000014 INDICT=00000000001
 LEVEL
```

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FEAEF
                                   L MS +
                                                               0.20000000
                                                                                    BIAS
                                                                                                                                                 COMP. 4. 1
                                    OUTPUE
                                                             COMP.
                                                                                                                                                                                            COMP.
                                       G.
                      1. 1
                                                                                                                                                                                                              OUTPUT
                                                                                                                                                                             o.
o.
                                                                                                                                                                                                      5. 1
10. 1
15. 1
23. 1
75. 1
10. 1
35. 1
40. 1
45. 1
50. 1
55. 1
60. 1
65. 1
70. 1
                    11.0 )
16. 1
21. 1
26. 3
31. 1
36. 1
                                                                 12. 1
                                                                                    u.
                                                                                                                                                                             0.0594916
0.7438178
0.3360795
                                                                                   0.
0.
0.
0.
0.7646712
0.5281249
                                                                                                                                 U.
0.17H4752
                                       0.
0.
                                                                22. 1
27. 1
32. 1
37. 1
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                                                                                                                               0.1744752
0.
0.
0.
0.
0.5465751
                                       G.
0.550001G
                                                                                                                                                                             0.
                                                                                                                                                                            0.
                                                                                                                                0.
                                       u.
                                                                                                                                                                                                                         0.0697730
                  66. 1 C.
71. 1 O.
2 GUTPUT DLT UF RANGE,
CONTROL=000000000001
1 BIAS ^ ANGES
                                                                67. i
                                                                                                                                                                                                                         ٥.
                   LEVEL / MS =
                                                             - 2A16 00000010.0
                                                                                                              0.052853.2
                COMP. OUTPUT
1. 2 0.225
1 IS 0.225
2 IS 0.774
                                                                                                     0. 0 0.
                                                           COMP. OUTPUT
2. 2 0.7744530
                                                                                                                                                COMP. DUTPUT
0. 0 0.
                                     0.2255470
0.22555
0.77445
                                                                                                                                                                                           COMP. OUTPUT
0. 0 0.
   INDENTIFICATION CORRECT
NCYCS=000000000014 INDICT=00000000000001
  LEVEL 1 DUTPUT OLT OF RANGE, NEW BIAS =

CONTROL=00C000000001
1 QUTPUT OUT OF RANGE, NEW BIAS =

CONTROL=00C000000000

LEVEL 1 UUTPUT OLT OF RANGE, NEW BIAS =

CONTROL=00C0000000003
3 BIAS CHANGES
                                                                                       -0.71844487
                  LEVEL 1 MS .
                                                            0.20000000 BIAS = -0.71844487
                                0.
0.
0.
0.
0.
                CUMP.
                                                                           109100
                                                                                                     COMP.
                  1. 1
6. 1
11. 1
16. 1
21. 1
                                                                                                                                                                 OUTPUT
                                                              ?. L
                                                                                 0.
                                                                                                                             0.
0.
                                                                                                                                                                                                  5. 1
10. 1
15. 1
20. 1
25. 1
30. 1
35. 1
40. 1
45. 1
50. 1
60. 1
60. 1
                                                                                                                                                                                                                       0.
0.8058570
                                                                                 0.1125676
0.7877618
0.
                                                             17. 1
22. 1
27. 1
32. 1
37. 1
42. 1
47. 1
52. 1
57. 1
62. 1
                                                                                                                                                                                                                       0.
                                                                                                          18. 1
23. 1
28. 1
                                                                                                                              0.0897140
               21. 1 0.4343933 22. 1 0.
26. 1 0. 27. 1 0.
31. 1 0. 32. 1 0.
36. 1 0. 37. 1 0.
41. 1 0. 42. 1 0.
46. 1 0. 47. 1 0.
51. 1 0.4665396 52. 1 0.
56. 1 0. 57. 1 0.5
66. 1 0. 67. 1 0.
67. 1 0. 67. 1 0.
2 OUTPUT OUT OF RANGE, NEW BIAS =
CONTROL =0000U000001
2 TOTPUT OUT OF RANGE, NEW BIAS =
CONTROL =0000U0000003
2 ALAS SPANGES
                                                                                                                                                                                                                       0.
                                    0.4343933
                                                                                                                              0.6937202
                                                                                                                             0.
0.5369728
                                                                                 0.
0.
0.
0.5957461
                                                                                                                                                                                                                       o.
                                                                                                                                                                                                                      0.
0.
0.1436388
                                                                                                                             0.1769685
0.
0.
                                                                                                                                                                                                                      0.4266520
 reaer
reaer
                                                                                       -0.86786181
                LEVEL 2 MS =
                                                          0.01000000 BIAS = -0.86786181
             COMP. GUTPUT

1. 2 1.0958598

1 IS 1.09536

2 IS C.
                                                                                                  COMP. OUTPUT
0. 0 0.
                                                       COMP. OUTPUT
                                                                                                                                             0. 0 UTPUT
                                                                                                                                                                                        COMP. OUTPUT
0. 0 0.
#1# 47 INPUT H3
MINPS=0000000000007
                                         INDENTIFICATION CORRECT
NCYCS=0000000000014 INDICT=000000000001
-0.47491038
                                                                                      -1.22054585
               LEVEL
                                                      --20
CUMP.
7. 1
12. 1
17. 1
27.
                                                         0.2000C000 BIAS *
                                                                                                       -1.22059585
                                                                                                                                            CCMP. 4. 9.
                                                                                                                                                                                     COMP.
42 5. 10.
                              UUTPUT
                                                                         OUTPUT
                                                                                                  CUMP.
               1. 1
6. 1
11. 1
16. 1
21. 1
26. 1
                                                                                                                   OUTPUT
                                                                                                                         CUTPUT
                                                                              0.
                                                                                                                                                                       0.5101042
0.
0.
                                  0.8254630
                                                                                                                                                                                                                    0.7752236
                                                                                                                                                   14. 1
19. 1
24. 1
29. 1
34. 1
39. 1
44. 1
54. 1
54. 1
54. 1
                                                                              0.
0.
0.0750018
                                                                                                                                                                                                20. 1
25. 1
30. 1
35. 1
40. 1
45. 1
                                 000000
                                                                                                       23. 1
28. 1
33. 1
38. 1
43. 1
48. 1
53. 1
                                                                                                                                                                       0.1055496
                                                                              0.
              36. 1
41. 1
46. 1
51. 1
61. 1
                                                           42.
47.
52.
51.
62.
67.
72.
                                                                                                                                                                                                                    0.6286872
                                  0.2700560
                                                                             0.
                                                                                                                          0.1043045
0.00
0.00
0.00
0.00
                                                                                                                                                                                                55.
60.
65.
70.
                                                                                                                                                                       0.
0.0174765
                                                                                                                                                                                                                    0.4198885
                                                                                                                                                                      0.
```

```
LEVEL 2 DIFFUT OUT OF RANGE, NEW BIAS = CONIAGL = OCCOODOOOOO 1

LEVEL 2 OUTPUT OUT OF RANGE, NEW BIAS = CONTROL = COODOOOOOO 3

LEVEL 2 OUTPUT OUT OF RANGE, NEW BIAS = CONTROL = COODOOOOOO 7

3 BIAS CHANGES
                                                                                           0.50000000
                                                            0.010000C0 BIAS =
                               OUTPUT COMP. OUTPUT COMP. OUTPUT
0.3237068 2. 2 0.5909430 0. C 0.
0.32371
0.59094
                COMP.
                                                                                                                                            COMP. CUTPUT
0.0 0.
   SUM NO.
SUM NO.
   *** 48 [NPUT V3
MINPS=0000000000006
                                                INDENTIFICATION CORRECT
NCYCS=000000000014 INDICT=0000000000001
 -0.08020513
                                                                                       -0.15545382
                                                                                      -0.23070250
                                                           0.20000000 BIAS =
                                                                                                        -0.19307816
                                                                                                                                                                                      COMP.
5. 1
101 10. 1
15. 1
               CUMP.
1. 1
6. 1
11. 1
                                                                                                                                             COMP. C
4. 1
9 9. 1
14. 1
8 19. 1
24. 1
5 29. 1
                                 OUTPUT
                                                          COMP.
                                                                                                                                                               OUTPUT CO

1 0.

1 0.5503001

1 0.1839239
                                                                           OUTPUT
                                                                                                    COMP.
                                                                                                                     OUTPUT
                                                             2. 1
7. 1
12. 1
17. 1
22. 1
27. 1
32. 1
37. 1
42. 1
52. 1
57. 1
62. 1
67. 1
                                                                                                                             0.0079509
                                     G.
O.
                                                                                 0.
                                                                                                                                                                                                                     0.
0.5164500
                                     0.
                                                                                                                             0.
0.0276378
                  16. 1
21. 1
26. 1
31. 1
36. 1
41. 1
                                    0.3293482
0.0701845
0.2097609
0.2951986
                                                                                 0-2401408
                                                                                                          10. 1
23. 1
28. 1
33. 1
                                                                                                                                                                                                  70. 1
25. 1
30. 1
35. 1
40. 1
45. 1
50. 1
55. 1
60. 1
65. 1
70. 1
                                                                                                                             0.
                                                                                 0.
0.1454358
                                                                                                                                                                                                                     0.
0.
C.
                                                                                                                            0.2953265
0.
0.
0.
0.
0.
0.
0.
0.
0.
                                                                                                                                                      34. 1
39. 1
44. 1
49. 1
                                                                                                          38. 1
43. 1
48. 1
53. 1
58. 1
                                     o.
o.
                                                                                 0.2650594
                                                                                                                                                                          0.0892385
                                                                                 0.0997328
0.
0.
                                                                                                                                                                                                                     0.
0.0232266
0.
0.2549302
0.2126449
                  46. 1
                                    0.3865403
0.
                                                                                                                                                                         0.0659761
0.
0.
                 66. 1 0.
71. 1 0.0216245
0 BIAS CHANGES
                                                                                 0-1604993
                 LFVEL 2
                                                           0.01000000 BIAS =
                                                                                                           ٥.
              COMP. OU PUT LOMP. OUTPUT

1. 2 0.9489727 2. 2 0.

1 IS 0.94897

2 IS 0.
                                                                                                                                             COMP. CUTPUT
0. 0 0.
                                                                                                                                                                                        COMP. OUTPUT
0. 0 0
                                                                                                           P. OUTPUT
O. O O.
                                                                                                   COMP.
  *** 49 INPUT H4
#INPS=000000000005
                                           INDENTIFICATION CURRECT
NCYCS=000000000014 IN
                                                                                            INDICT=00000000000001
-1.1430343A
                                                                                       -1.76583770
                LEVEL 1 MS =
                                                          0.20000000 BIAS = -1.20443605
                                                                                                                                              CUMP.

4 0 1

4 0 1

14 0 1

14 0 1

24 0 1

24 0 1

34 0 1

34 0 1

44 0 1

54 0 1

54 0 1

54 0 1

64 1
                                                                                                                                                                                       EUMP. ON
              COMPA
                                CUTPUT
                                                         COMP.
                                                                          OUTPUT
                                                                                                   CUMP.
                                                                                                                    CUTPUT
                                                                                                                                                                JUTPUT
                                                                                                                                                                                                        OUTPUT
                1. 1
6. 1
11. 1
16. 1
21. 1
                                                                                                        3. 1
8. 1
13. 1
                                                                                                                            0.6285691
                                                                                                                                                                                                                    0.
0.
0.4446113
                                                                                                                                                                       0.
                                                                                                                                                                       0.
0.
0.
0.
0.
0.
                                                                                                                                                                                                 10. 1
15. 1
20. 1
25. 1
                                                                                                                             0.
0.
                                                                                                                            0.
0.,
0.,
0.
0. 2706964
                                                                                                        18. 1
23. 1
26. 1
33. 1
                                                             17. 1
22. 1
27. 1
                                                                                                                                                                                                                    0.
0.
0.
0.
0.
0.
0.
0.
0.
0.
0.
2339487
                                   Ů.
                                                                                0.0569467
                                                                               0.
                                                            27. 1
32. 1
37. 1
42. 1
47. 1
52. 1
57. 1
62. 1
                                   0.
0.
0.3821107
                                                                                                                                                                                                  35. 1
40. 1
45. 1
50. 1
                                                                                                                                                                        0.
0.
0.
                                                                                                         43. 1
48. 1
                                                                                                                            ο.
                                                                               0.3*78228
0.
5.
C.7306700
                                   0.6084643
                                                                                                         53 c 1
58 c 1
63 c 1
64 c 1
51-1 0.6084643 52-1 0.4*78228 53-0 1
56, 1 0. 57-1 0. 58-1
61-1 0. 67-1 5. 63-1
60-1 0. 67-1 5. 63-1
71-1 0. 72-1 C. 7306700 64-1
71-1 0. 72-1 C. 7306700 64-1
CHATROL-00C000000001
LEVEL 0. CUNTROL-00C000000001
LEVEL 0. CHATROL-00C000000003
2 HIAS CHANGES
                                                                                                                                                                        0.47/15/5
                                                                                                                                                                                                  70. 1
```

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```
2 MS *
                                         0.01000000 BIAS =
                                                                       0.69044109
                                                                        0. 0
                                                                                                 COMP. OUTPUT
0. 0 0.
           COMP.
                      OUTPUT
                                       COMP.
                                                  OUTPUT CUMP.
1.0000000 0.
                                                                                                                              COMP. OUTPUT
0. 0 0.
                         0.
  *** 50 INPUT V4
MINPS=0000000000004
                                 INDENTIFICATION CURRECT NCYCS=000000000014 IN
                                                                INDICT=0000000000001
 0.06871457
                                                              2.85814705
                                                              1.46343082
                                                              0.76607271
                                                             0.41739365
                                                             0.24305414
                                                             0.33022389
            LEVEL 1 MS =
                                        0.20000000 BIAS =
                                                                        0.33022389
                                                                                                                                         OUTPUT 0.
           COMP.
                      CUTPUT
                                                                               OUTPUT
0.2418317
                                       COMP.
                                                   OUTPUT
                                                                                                                              COMP.
                         0.0867846
0.
0.1100403
                                                       0.041366C
0.
0.0314561
                                                                                                                   0.1503358
0.2113435
0.2601090
                                                                                                                                                 0.2350737
                                                                                                                                    10. 1
                                                                                     0.
C.0055043
                         0.2554947
                                                                                     0.15/8359
                                                                                                                   0.
0.3761378
                                                                                                                                                 0.2158701
                         0.
0.1646804
C.0903574
                                                                                     0.0096927
             26. l
31. l
                                                       0.
                                                      0.
0.0146447
0.020198
0.0331392
0.0859121
                                                                                     0.
0.1879758
                                                                                                                   0.
0.0734423
0.0638005
                         0-0726970
                                                                                                                                                 0.0045828
                                                                                                                                     50.
                                                                                     0.0930018
                                                                                                      54. l
                                                                                                                                                 0.1157272
                                                                                                                   0.0904820
                         0.1764640
                                          67. 1
67. 1
                                                                                                                                                 0.0834186
                         0.0155528
                                                       0.2633305
                                                                                                                   0.01>6482
            71. 1 0.0155528 72. 1 0.0950545 0. 2 DUTPUT DUT DE RANGE, NEW BIAS = 0.11596055
 LEVEL 2 DUTPUT OUT OF RANGE, NEW CONTROL = 0000000000001

LEVEL 2 DUTPUT OUT OF RANGE, NEW BIAS = CONTROL = 00000000003

2 BIAS CHANGES
                                                            0.23192112
                                        0.01000000 RIAS = 0.23192112
           LEVEL 2 MS *
                                                                       0. 0
                                                      1.0000000 n
          COMP.
                      OUTPUT
                                      COMP. OUTPUT
2. 2 1.00
                                                                                                O. 0 0.
                                                                                                                             COMP. OUTPUT
0. 0 0.
 SUM NO
              1 15
                        1.00000
                                | IDENTIFICATION | INCURRECT. | NCYCS+0000000000013 | INDICF+G00000000001
 *** 51 INPUT H5
MINPS=00000000000004
0.06944443
                                                             0.20833330
                                                            24.74210262
                                                            12.47521806
                                                             6.341/7566
                                                             3.27505448
                                                             1.74169391
                                                             0.97501363
                                                             0.54167349
                                                             0.400003443
** C TRAIS CHANGES

** C TRAIS COUDUMNOT

LEVEL | 1 01701 (LT UF RANGE, NEW HIAS =

** C TRAIS = 0000 (000007)

LEVEL | 1 01701 (LT UF RANGE, NEW HIAS =

** C TRAIS = 0000 (000007)

14 hias Changes
                                                            0.44792095
                                                            0.42396219
```

```
COMP. 1.
1 4. 1
9. 1
                                                                                     OUTPUT 0.1537791
                                                                                                                   OUTPUT COMP.
1 0.1311737
                                                       DUTPUT
                                                                                                                                                  OUTPUT
1 0.
1 0-1204548
            COMP.
                         CUTPUT
                                           COMP.
              1. 1
6. 1
                           0.1738845
0.
0.0712733
                                                           0.1453089
0.
0.0890406
                                                                                                                                            5. 1
10. 1
15. 1
                                                                             8. 1
13. 1
18. 1
23. 1
                                                                                                                          0.1223456
                                                                                           0.1074514
                                                                                                                                                          0-1173491
                                                                                                                          0.0184806
                            0.0654563
                                                           0.0559703
                                                                                           0.0491782
                                                                                                                                            20. 1
                                                                                                                          0.0924660
0.0550214
0.0918193
             21. 1
                                                           0.
0.
                                                                                           0.11#8685
                                                                                                                                                          0.
0.0796851
                           0.1748338
0.1405923
                                                                             28. 1
33. 1
38. 1
43. 1
                                                           0.0043579
             0.1262096
0.0718450
0.0891968
                                                                                           0.1332150
                                                                                                                                             40. 1
                                                                                                                          0.0847383
                                                                                                                                                          0.0794533
                                                                                                                                             45. 1
                                                                                                                                                          0.117568U
0.0993350
                                                                             48. 1
53. 1
                                                                                                                          0.0851516
                                                                                           0.0986143
                                                           0.1200894
                                                           0.
                                                                                                                          0.1508670
                                                                                                                                            60. l
65. l
                                                                                                                                                          0.0971512
                                                                                           0.0481120
                                                           0.1307280
                                                                                                                          0.0991094
                                                                                                                                            70. 1
0. 0
                                                                             68. 1
                                                                                           0.0449918
0.0841455
                                                                 0.50000000
                                                                  1.26853237
                                                                  0.88426620
                                                                  1.07639928
                                                                 0.98033275
                                           0.01000000 BIAS -
                                                                           0.98033275
                                                                                                      COMP.
0. 0
            COMP. OUTPUT
1. 2 0.3390436
1 IS 0.33904
                                         COMP. OUTPUT COMP. OUTPUT
2. 2 0.7257840 0. 0 0.
                                                                                                                                     COMP. OUTPUT
0. 0 0.
                                                                                                                   OUTPUT
  SUM NO. 1 IS
SUM NO. 2 IS
                           0-72578
                                   IDENTIFICATION INCORRECT NCYCS=030000000012 INDI
                 INPUT HS
  MINPS=0000000000004
                                                                    INDICT=0000000000001
 LEYEL 1 DUTPUT DUT OF RANGE, NEW BIAS =

COMIRGL=00C000000001

LEVEL 1 DUTPUT DUT OF RANGE, NEW BIAS =

COMIRGL=00C000000001

LEVEL 1 DUTPUT DUT OF RANGE, NEW BIAS =

COMIRGL=000000000001

LEVEL 1 DUTPUT DUT OF RANGE, NEW BIAS =

COMIRGL=0000000000001

LEVEL 1 DUTPUT DUT OF RANGE, NEW BIAS =

COMIRGL=00000000000001
                                                                  0.06944443
                                                                 0-48611103
                                                                 0.60235173
  0.51517121
            LEVEL 1 MS =
                                           0.20000000
                                                              BIAS =
                                                                                                                                                OUTPUT
1 0-
0-0909244
0-0594977
                        OUTPUT
0.2406216
                                                                                                      CCAP. (68 4.1 9.1 8 14.1 19.1 5 24.1 29.1 34.1
                                                                                                                  CUTPUT CO

1 0-1045564

1 0-1705049

1 0-1013905

1 0-0842798
                                                      OUTPUT
                                          COMP.
                                                                                    OUTPUT
                                                                                                                                     COMP.
                                                          0.0931839
                                                                        3. l
                                              2. 1
7. 1
                                                                                          0.0653498
             6.
11.
                                                                                          0.
0.0605388
0.1072654
0.1415593
                           0.1027673
                                                           0.0855695
                           0.0990043
                           0.
0.1620825
0.0856304
                                                                                                                          0.0845741
                                                                                                                                                          0.0683002
                                                                                                                                            30. 1
35. 1
40. 1
45. 1
50. 1
                                                                                          0.
                                                                                                                          0.0791069
                                                                                                                                                          0.0924691
                                             32. 1
37. 1
42. 1
47. 1
                                                          0.0907013
                                                                                                                          0.1115801
                                                                                                                                                         0.0502759
                                                                                                           39. I
                                                           0.0734721
                                                                                                                          0.
0.1244628
0.0917294
                           0.0658723
                                                          0.0961391
0.1326320
0.082.047
0.
                                                                                          0.0987613
                                                                                                                                                          0.0976725
                           0.0814521
                                                                                                                                                         0.0471341
                           0.0872937
                                                                                                                          C-1221616
                                                                             58. 1
                                                                                                                                            60. 1
                                                                                                                                                         0.
0.1062384
                           0.1649676
            0.0966519
                                                                                                            64. 1
                                                          0.1067381
                                                                            68.
                                                                                          0.0870036
                                                                                                                          0.1090292
                                                          0.1048618
                                                                             0. 0
 LEVEL
                                                                 0.50000000
                                                               13.28969967
                                                                 6.89484990
                                                                  0.89967817
                                                                 1.09951723
                                                                 0.99954770
```

•

LEVEL

MS =

0.20000000

BIAS =

0.42396219

1

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NAMES OF THE PARTY.

p adjection the last

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```
0.01000000
                                                                         BIAS -
                0--- OUTPUT COMP. OUTPUT

1. 2 0.537220H 2. 2 0.39

1 15 0.53722

2 15 0.39201
            COMO.
                                                                       TPUT CUMP. OUTPUT
0.3920142 0. C 0.
                                                                                                                               COMP. GUTPUT
0. 0 0.
                                                                                                                                                                       COMP. OUTPUT
 *** 53 [NPUT H5
MLMPS*000000000003
                                          INDENTIFICATION CORRECT
NCYCS=000000000014 INDICT=000000000001
LEVEL 1 UUTPUT ULT DF KAMGE, NEW 81AS -0.38545276

*** CONTROL=000000000001

LEVEL 1 UUTPUT OUT UF RANGE, NEW 81AS - -0.84735717

*** CONTROL=000000000003

LEVEL 1 UUTPUT OUT UF RANGE, NEW 81AS - -1.30926158

CONTROL=000000000003

LEVEL 1 UUTPUT DUT UF RANGE, NEW 81AS - -1.07830937

*** CONTROL=000000000007

A RIAS CPAMGE*
                  4 BIAS CHANGES
              LEVEL L MS *
                                                    0.200000.0 BIAS = -1.07830937
                                                                  COMP. (
4-1
83 9-1
14-1
19-1
24-1
29-1
34-1
39-1
44-1
54-1
55-1
12-64-1
                                                                                                                                                OUT PUT
1 0.
1 7.
             COMP.
                                                                                         3. 1
8. 1
                                                                                                                                                                                       OUTPUT
                            CUTPUT
                                                   COMP.
                                                                                                          OUTPUT
                                                       2. 1
7. '
                 6. 1
                                0.
                                                                                                                0.
0.3089983
               11. 1
                                                                                                                                                         U-0430983
                                                       12. 1
17. 1
                                                                                                                 0.
                                                                                               18. 1
23. 1
28. 1
33. 1
38. 1
43. 1
46. 1
53. 1
                                                                                                                                                         o.
                                                       22. 1
27. 1
32. 1
37. 1
42. 1
                                0.8188247
0.
0.
                                                                                                                                                         0.
0.6591372
0.5395586
0.0372850
                                                                                                                                                                                                  0.
0.
0.
0.
0.6772297
0.1418342
                56. L
41. 1
                46. l
51. l
                                0.
                                                                                                                                                         0.
0.
                                                       52. I
57. I
                                0.
                                                                        C.
                                                                                                                                                         0.
 10. 57. 1 U. 50.
61. 1 0. 62. 0. 63.
66. 1 0.0210157 67. 1 0.6672811 68.
71. 1 0. 72. 1 0. 0.

LEVEL 2 DUTPUT OLT UF RANGF, NEW BIAS - -0.18752401
•• CONTROL=0JC000000001
                                                                                                                0.3054912
0.
0..
                                                                                                                                                                                                  0.2065714
                                                                                                                                                         0.0824066
 LEVEL 2 DUTPUT OLT UF RANGE, NEW BIAS = -0.37534804
-- CONTRUL=000000000003
                  2 BLAS CHANGES
               LEVEL 7 MS *
                                                   0.01000000 BIAS = -0.37504804
                                                                                                                              CUMP. 0. 0
 CUMP. OUTPUT

1. 2 0.

SUM NO. 1 IS 0.

SUM NO. 2 IS 1.00000
                                                   COMP. OUTPUT COMP. CU1PUT 2. 2 1.0000000 0. 0 0.
                                                                                                                                                                      COMP. GUTPUT
                                                                                                                                                CUTPLT
 *** 54 INPUT V5
                                         INDENTIFICATION CORRECT
NCYCS=000000000014 INDICT=000000000001
 0.06124741
                                                                                 0.15066758
                                                                              0.19537765
               LEVEL 1 MS =
                                                     0.20000000 BIAS =
                                                                                                                 PUT COMP. E
0.2078619 4. 1
0.1778322 9. 1
0.01778323 14. 1
                                                                        DUTPUT
1 0.2215642
                            001PU1
C.2744041
0.3984942
0.0432210
                                                                                                          001701
               COMP.
                                                  COMP.
                                                                   OUTPUT
                                                        7. 1
7. 1
12. 1
17. 1
22. 1
27. 1
                1, 1
6, 1
11, 1
16, 1
21, 1
                                                                                                                                                                                                  0.
0.1259630
                                                                                                                                                           0.0207147
                                                                                                                                        14. 1
19. 1
24. 1
29. 1
34. 1
39. 1
44. 1
                                                                                                                                                                                 20. 1
25. 1
30. 1
35. 1
40. 1
45. 1
50. 1
                                                                                                                                                                                                   0.1333393
                                                                                                                  0.0749997
                                                                                                                                                           0.0588742
                                                                                                                                                                                                   0.0199732
                                                                                                                                                          0.0588742
0.
0.1370671
0.0518594
0.0514865
0.0211026
                                                                                                                                                                                                   0.1349871
                                                                                                                  0.
0.0724703
                 26. l
31. l
                                 0.
                31. 1 0. 32. 1 0.

46. 1 0.1827648 37. 1 0

46. 1 0.0927351 42. 1 0

46. 1 0.1112565 47. 1 0

51. 1 0. 52. 1 0

61. 1 0.1752536 62. 1 0

66. 1 0.2833982 67. 1 0

71. 1 0.0155752 72. 1 0

COMBRU BORDONDORO
                                 0.1827648
0.092(351
0.1112565
                                                                                                                                                                                                   0.
0.1121456
0.1448114
                                                                                                                  0.0333801
                                                                                                                  0.
                                                                                                                                                           o.
                                                                         0.0141713 63.
0.0440520 68.
0.1053765 0.
                                                                                                                                                                                                   ٥.
                                                                                                                  0.0160996
                                                                                                                                                           0.0635535
  LEVEL
```

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The same of the sa

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```
0.01000000 81AS - 0.72611894
                                                           COMP. OUTPUT COMP. OUTPUT COMP. OUTPUT

1. 2 C.7028630 2. 2 G.2744338 0. 0 0.

1 IS 0.70288

2 IS 0.27443
                                                                                                                                                                                                                                                                                                                                                                                          COMP. OUTPUT
0. 0
                                                                                                                                                                                                                                                                                                         COMP. CUTPUT
0.0 0.
                                  *** 55 INPUT H&
MEMPS=00000000001
                                                                                                                      INDENTIFICATION CORRECT
MCYCS=000000000019 INE
                              INDICT=00000000000001
                                                                                                                                                                                                     -0.43413353
                                                                                                                                                                                                     -0.96627654
                                                                                                                                                                                                    -1.49841955
                                     COMP. OUTPUT COMP. OUTPUT COMP.

1. 1 0. 2. 1 0.3414850
6. 1 0. 7. 1 0. (
11. 1 0. 12. 1 0.4248490 13
16. 1 0. 17. 1 0. 18
21. 1 0.1370204 22. 1 0. 23
26. 1 0. 27. 1 0. 28
36. 1 0.3372765 37. 1 0. 33
36. 1 0.3372765 37. 1 0. 38
41. 1 0. 42. 1 0. 43
46. 1 0. 47. 1 0. 43
51. 1 0. 57. 1 0. 58
60. 1 0. 57. 1 0. 58
61. 1 0. 57. 1 0. 68
61. 1 0. 62. 1 0.6682120 63
66. 1 0. 67. 1 0. 68
61. 1 0. 67. 1 0. 68
61. 1 0. 67. 1 0. 68
62. 2 OUTPUT OUT OF RANGE, NEW BIAS = -0.91225033
2 BIAS CHANGES

LEVEL 2 MS = 0. 77.
                                                            LEVEL 1 HS .
                                                                                                                                           0.20000000 BIAS - -1.16583018
                                                                                                                                                                                 JIPUT COMP.

0.3414850 3.1

0. 6.1

0. 6.2

0. 23.1

0. 28.1

0. 38.1

0. 38.1

0. 43.1

0. 43.1

0. 58.1

0. 6682120 63.1

0. 68.1

0. 0. 0.
                                                                                                                                                                                                                                                                                                       COMP. (
4. 1
9. 1
14. 1
19. 1
24. 1
29. 1
34. 1
39. 1
                                                                                                                                                                                                                                                                                                                                        DUTPUT CC
1 0.
1 0.
1 0.1611464
                                                                                                                                                                                                                                                                                                                                                                                                                        OUTPUT
                                                                                                                                                                                                                                                                                                                                                                                                       5. 1
10. 1
15. 1
20. 1
25. 1
30. 1
                                                                                                                                                                                                                                                                      0.
                                                                                                                                                                                                                                                                     0.
0.
0.
0.
0.
0.
1772413
0.
0.
0.
0.220*643
                                                                                                                                                                                                                                                                                                                                                         0.
                                                                                                                                                                                                                                                                                                                                                                                                                                               0.2315963
                                                                                                                                                                                                                                                                                                                                                                                                                                             J.
                                                                                                                                                                                                                                                                                                                      44. 1
49. 1
54. 1
59. 1
                                                                                                                                                                                                                                                                                                                                                          0.1850384
                                                                                                                                                                                                                                                                                                                                                          0.
                                                                                                                                                                                                                                                                                                                                                                                                                                            0.7548956
                                                                                                                                                                                                                                                                                                                                                         0.
0.1090554
                             FEAEF
                                                         LEVEL 2 MS .
                                                                                                                                        0.01000000 BIAS = -0.91225033
                            COMP. OUTPUT

1. 2 0.

SUM NO. 1 IS C.

SUM NO. 2 IS 1.00000
                                                                                                                                    COMP. OUTPUT
2. 2 1.0000
                                                                                                                                                                          OUTPUT COMP. OUTPUT
1.0000000 C. 0 O.
                                                                                                                                                                                                                                                                                                                    0.0 0.
                                                                                                                                                                                                                                                                                                   COMP.
                                                                                                                                                                                                                                                                                                                                                                                   COMP.
                                                                                                                                                                                                                                                                                                                                                                                                        0.0 C
                           ### 56 INPUT VE
MINPS=000500000014
                                                                                                                 INDENTIFICATION CORRECT NCYCS=00000000014 INDICT=00000000001
                       3 BIAS CHANGES
                                                     LEVEL 1 MS .
                                                                                                                                   0.20000000 BIAS = -0.79203886
| Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Control | Cont
                                                  CUMP.
                                                                                 DUTPUT
                                                                                                                                 COMP.
                                                                                                                                                                  109100
                                                                                                                                                                                                                 COMP.
                                                                                                                                                                                                                                                 OUTPUT
                                                                                                                                                                                                                                                                                                 COMP.
                                                                                                                                                                                                                                                                                                                              CUTPUT
                                                                                                                                                                                                                                                                                                                                                                                COMP.
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9. 1
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44. 1
56. 1
59. 1
64. 1
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10. 1
15. 1
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35. 1
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50. 1
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1.1689290
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C.C785448
                                                                                                                                                                                                                                                                                                                                                0.
0.0895895
0.
0.
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LEVEL 2 MS =

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CC.#P. U
                         001Pu1
C. 7645351
C. 76454
Cg
                                             COMP. CUTPUT
                                                                                                                                                 COMP. OUTPUT
0. 0 0.
                                                                               COMP. DUTPLE
                                                                                                                             CUTPUT
O O.
              1. 2
1 15
2 15
                                     INPUT HI
  #INPS=0000000000013
-0.37150960
                                                                     -1 32230505
                                                                     -1.41736465
             LEVEL 1 MS *
                                              0.20000000
                                                                                  -1.41738465
            COPF.
                         OUTPUT
                                             COMP.
                                                                              CUMP.
                                                          OUTPUT
                                                                                            OUTPUT
                                               2. 1
7. 1
12. 1
17. 1
              1. 1
6. 1
11. 1
16. 1
                                                              0.
0.5505613
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                            0.6863190
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                                                22. 1
27. 1
32. 1
37. 1
42. 1
47. 1
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0.
0.1182899
0.
                                                                                   23. 1
28. 1
33. 1
38. 1
43. 1
48. 1
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0.5851367

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             26. 1
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29. 1
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44. 1
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69. 1
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30. 1
35. 1
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45. 1
50. 1
55. 1
60. 1
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                            0.
0.2470300
C.
C.
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0.1734128
0.4617600
0.
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                                                52.
57.
            TOO I CO CONTROL = OCCUPANCES
 LEVEL ..
             I FVEL 2 MS #
                                              0.01000000 BIAS - -0.07620911
           COMP. OUTPUT

10 2 Cc

1 15 C.

2 15 t.076
                                                MP. DUTPUT COMP. GUTPUT 2, 2 1.0762091 0.0 0.
                                            COMP.
                                                                                                              COMP. CUTPUT
0. 0 0.
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                                                                                                                                                         OUTPUT
                        C.
C.
1.07621
 *** 58 INPUT VI
MINPS*0000000000012
                                   INDENTIFICATION CORRECT
NCYCS+000000000014 IND
                                                                         INC1CT - 0000000000001
-0.731081A0
                                                                    -0.83795184
                                                                    -0.78451683
            1 + VEL 1 #5 +
                                              0.20000000
                                                                   BIAS =
           Cump.
                         OUTPUL
                                            LOMP
                                                          OUTPUT
                                                                                                                                                COMP.
            1 6 1
16 1
16 1
21 6 1
21 6 1
31 6 1
                                               2. 1
7. 1
12. 1
17. 1
22. 1
27. 1
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                                                                                                                                   DUTPUT
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                                                              0.6870687
                                               27. 1
32. 1
37. 1
42. 1
47. 1
57. 1
57. 1
                           C. 3H147U4
                                                              0.2473495
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0.0815430
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55.
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            51. 1
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** COTRUE TO THE TE
                                                                                                 0.5102087
                                                              £501486.)
                                                                                 58.
63.
68.
6.
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LEVEL

0.61006050

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LEVEL 2 DUTPUT DLT UF RANGE. NEW BIAS - -2.0695/82C
                                                                 0.01000000
                                                                                         91AS -
                                                                                                            -2.06957920
                                                                                                                  P. OUTPUT
O. C
                                     OUTPUT
G.9311506
G.93115
C.
                       1. 2
1. 15
2.15
                                                              2. 2 0.
                                                                                                           COPP.
                                                                                                                                                                                                  COMP. CUTPUT
                                                                                                                                                       CUPP.
                                                                                                                                                                       CUTPLT C.
                                                                                                                                                                0. 0
      SUM NO.
      *** 59 IMPUT H2
HIMPS=000000000011
                                                     INDENTIFICATION CORRECT
                                                                                                     IMBICT=90000000000001
    -1.13143384
                    reaer 1
                                              MS -
                                                                C-20000000
                                                                                          BIAS -
                                                                                                             -1.25759901
                   COMP.
                    1. 1
6. 1
11. 1
16. 1
21. 2
26. 1
31. 1
                                    OUTFUT
                                                                                                                                                                                               COMP. OU 5. 1 10. 1 15. 1 37 20. 1 81 25. 1 25. 1 35. 1 45. 1 45. 1 45. 1
                                                                                DUTPUT
                                                                                                          CUPP.
                                                                                                                                                     COM.
                                                                                                                                                                      Cutput
1 G.
1 O.
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7. 1
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o.
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18. |
23. |
29. |
33. |
138. |
48. |
53. |
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153. |
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168. |
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9. 1
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34. 1
44. 1
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7.1349488
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                                                                                          0.23484;56
                   LEVEL 2 MS .
                                                              0.01000C00 BIAS .
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                COMP.
1. 2
1 IS
2 IS
                                                            CUMP. OUTPUT COMP. OUTPUT 2. 2 1.0000000 0. C C.
                                 CUTPUT
                                                                                                                                                   COMP. OUTPUT
0.0 0.
                                                                                                                                                                                               COMP. OUTPUT
   SUM NO.
     POS 60 INPUT V2 INCENTIFICATION CORRECT
NEW G-WEIGHTS FROM RESULT OF INPUT 60
                  COMPONENT 1. 1 G-WEIGHTS
                                                                          0-51780701
0-5007055
-0-50091553
0-48858643
0-48858643
-0-50749207
-0-50749207
                            0.49565125
                                                                                                                         0.50219727
0.49965125
-0.49334717
0.48858643
0.51875305
-0.50749207
                                                                                                                                                                         0.49565125
-0.50091553
-0.50091553
0.48858643
0.51875305
-0.47732544
                         0.49565125
0.49565125
-).50091553
-).50091553
0.48858643
-0.50749207
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-0-50091553
-0-50091553
0-51875305
-0-50749207
                          -0.50749207
                                                                                                                                                                                                                         -0.47732544
                 COMPONENT 2. 1 G-WEIGHTS
                            0.63209534
                                                                           0.40434265
                                                                                                                                                                        0.58238220
-5.61860657
-0.46920776
0.74444*80
0.54489136
-0.45765685
                                                                                                                           0.50080872
                                                                          0.42634583
-0.58300781
0.11038208
0.36923218
-0.43054199
                          0.40184021
-0.62615967
-0.48779297
                                                                                                                          0.50080H72

0.61676025

-0.37916565

0.59930420

0.39979553

-0.45748901
                                                                                                                                                                                                                          0.43537903
                                                                                                                                                                                                                       -0.25668335
-0.57934570
0.71768188
-0.40293884
-).78588867
                          0.51420593
-0.57723999
-0.43054199
                                                                          -0.45765686
                CUMPONENT 3. 1 G-WEIGHTS
                         0.52638245
0.52384949
-0.41580200
-0.51062012
0.38853455
-0.86653137
                                                                         0.50256348
0.64662170
-0.47523499
                                                                                                                         ---40661621
0.46722412
-0.61260386
0.98759460
0.21934569
-0.39871216
                                                                                                                                                                       0.52166748
-0.2211511
-0.76823425
0.89836017
0.22412109
-0.39549255
                                                                                                                                                                                                                       0.40502930
-0.53451538
-0.46182251
0.38375854
                                                                          0.
0.89833017
                                                                                                                                                                                                                       -0.32196045
                         -0-34871216
                                                                                                                                                                                                                       -0.32196045
                COMPONENT 4. 1 G-HEIGHTS
                          0.55307007
                                                                          0.47036743
                                                                                                                                                                       0.50215149
-0.55560303
-0.41226196
0.54833984
0.50039673
                        0.5530000

0.49433849

-0.54505920

-0.54441833

0.42118835

-0.51074219

-0.48913574
                                                                                                                          0.48800659
                                                                        0.47036743

0.48637390

-0.54545593

0.52673340

0.49572754

-0.52607300

-0.51074219
                                                                                                                                                                                                                      C.49519348
-0.26081848
-0.54602051
0.45381165
-0.28823853
-0.49507141
                                                                                                                        0.51046753
-0.59031677
0.54237166
0.51138306
-0.58366394
0.
                                                                                                                                                                        -0.61628723
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COMPUNENT S. 1 G-				
0-422409CA	0.4264441	0.4 14 70 744	6-44534302	C. 7
-C.55854797	0.625 67#5 -0.3964]C74	0-444C155C -0.58479369	-0.4 4002C	÷ 2.5
-0.29916276	9.799987:9	0.75998779	-0.5 8479 144 0.	-0.5
3.7996/79 -0.48168965	5.1 99 98779	6.79398779	č.	0. -0.5
-0.63739014	0. -0.63739014	-0.63739614 G.	-0.56221008	-C.4
COMPLNENT 6. 1 C-W	fluits	•	0.	0.
0.50520325	3.46715544			
0.49244690	0.35559082	0.38372803 0.31628419	0.59025574	0.84
-0.50124448 -0.42535466	-C-25706482	-0.54754639	-0.53921509 -0.44117737	-0.40
3.770c294a	0.06289473 0.68190002	0.77042488	0.68190002	-0.40 0.23
-G.4797821C	-0.62025452	0.56610437	C.23594444	-0.32
-2.73493346	-0.80284424	-G.13413782 0.	-0.4797 8 210	-0.62 C.
COMPONENT 7. 1 G-4	ETGHTS			
0.87548628	0.66505432	0.50445447	6-37452698	r.37
0.46871948 -0.59635925	6_34705617 -0.59523010	0.34761475	-0.59341431	υ.
-0.592 (8025	0.63583374	-0.55741211 0.53448987	-0.59773254	-0.42
0-69943074	0.43250732	0.5,554767	0. 69963 074 0. 05939 721	2.63
-0.52214059 -0.56573730	-0.50573730 -0.50175474	-0.56241089	-0.501/5476	-5.43 -0.52
		0-	0.	0.
3.48267 92	IGHTS			
0.56736155	5-45516468 6-48692322	0.55415344 0.4 916697 0	0.47763062	0.40
-0.53341511	-0-47154813	-0.47747#03	-0.4654388- -0.55758642	-0.49
-0.47711162 0.73149109	6-73149109	0-55914917	0.25103333	-0-521 C-481
-0.53535461	0-23103333 -0-47143555	0.25614929 -C.45854187	0.67179671	-0.451
-0.27745055	-0.47143555	G.	-0.5353546I 0.	-9.79) 0.
COMPONENT 4. 1 G-ME	1G+15		-	•
0.42179671	0.50250427	0.57870483	0.44527100	0.634
D-48646545 -0.4934 9 976	3.41044617	9.516204#3	-0.5316925C	0.534 -0.412
+3.50439453	~0.41372661 0.44074658	-0.53634644 0.06964602	-9.94533813	-0.542
0.24954224	G-72233582	0.009(4602	0-24954224 0-57972230	6.940
-0.93095398 -0.46374512	-0.46374512	-0.31854748	-0.80529785	-0.090 -6.463
COPPONENT to. 1 G-mE	-0.46374512	0.	0.	0.
0.50885010				
C.72975159	G-22218325 O-24491882	0.86964417 0.25917053	0-27886859	0.886
-0.62141418	-0.64822388	-0-21728406	-0.63032532 -0.51943976	-0.700
-3.65748596 0.19255066	0-6203/219	0-88905334	0.29682922	-0.003 0.178
-0.72576704	0.62837219 -0.56791687	C.86905334 -0.55696106	0.29682922	-0.567
-0.56751687	-0.55696106	C.	-0-0122 48 67 6.	-0.444 0.
COMPONENT IL. 1 G-HEI	I GHT S			
0-41346741	0-40147400	0.40414429	0.36105347	
0-30117961 -3-571C144G	1.00000000	0-63781738	-0.56542969	0.400 -0.5 8 2
-C.5/543945	-0.57551575 0.60455322	-0-56965637 0-60454322	-0.56077576	u.
0.60455322	0.5375+656	0.48858643	0.55355835 0.	0.604
-0.52885601 -0.528856JL	-0.58345032 -0.46087646	0.51568604	-0.46087646	-0.460 -0.460
COPPONENT 12. 1 G-Ht1		۶.	0.	0.
0.45266124	0.46633911			
0.46359253	/•46374158	C.456C3143 C.4442749C	0.56065369	0.693
-0.55621338	J.57351685	-0.57911682	-0-31802368 -0-42921448	-0.4556
-0.53756714 0.53582764	0.32249451 0.67245483	0.18563679	0.67245483	-0.5501 0.4743
-0.4/900341	-0.60548401	0.60074964	0.53582764	-0.4073
-0.60548401	-0.40733337	c.	-0.40733317 0.	-0.5439 0.
COMPONENT 130) G-WEI	GH1 S			
0.39131165 0.570C6836	0.43215942 0.44879150	0.45848083	0.57939148	0.5620
-3.44688416	-0.53489685	C.55775452 -0.45358276	-0.54443359	-0.4779
-0.48594666 0.604(3442	0.20439148	-90771484	-0.45846559 0.48367310	-0-5977
-0-688C3406	0.90771484 -0.95684814	C.48367310	0.20439148	0. 2043 -C. 2871
-0.26274104	-C.26274109	-v.56729126 (.	-0.28/13989 0.	-0.6880
COMPONENT 14, 1 G-HETE	GHTS			
0.49682617 0.41716003	0.43926294	0.58935547	0.51976013	0.5175
-0.54779053	0.50785828 -0.41239329	C-51321411 -0-53988647	-0.50370789	-0.5352
-0.51245544	0.24032898	0.11985779	-0.45819092 0.6n363953	-0-4703
0.27571106	0.69758972	0.77603040		0.8746
-0.53556824	-0.34454346	-0.34454346	0.37011719	-0.7884

COMPONENT 15. 1 G-	HEIGHTS			
0.44525146	0.42782593			
0.43074036	0.65266418	0.51448059	0.63385010	0.44828796
-0.53717041	-0.53030396	0.44685364 -0.53007507	-0.35382080	-0.52357483
-0.47056580 0.71583557	0.17990112	0.47241211	-0.53594971 0.45008850	-0.51849365
-0.45536804	0.58132935 -0.56428528	0.47241211	0.42333944	0.70440674 -0.46624756
-0.56428528	-0.58666992	-0.5866699? 0.	-0.32083130	-0.45536364
COMPONENT 16. 1 G-1	IEIGHTS	••	0.	0.
0.90466309				
0.39103699	0.42988586	0.47915644	0.40959167	0.330/55
-0.11532593	0.54524231 -0.51641846	0.50975037	-0.55209351	0.3306274- -0.54151917
-0.57525635	0.62600708	-0.59712219 0.52714539	-0.51196289	-0-59027100
0.626C0708 -0.64430237	0.52714537	0.67587260	0.50999451 0.13880920	0.36898804
~9.37956238	-0.48612976 -0.48612976	-0.38726407	-0.48612976	-0.48612976 -0.64430237
COMPONENT 17. 1 G-W	EIGHTS	0.	0.	0.
	E 10HI 3			
D.53669739 O.49147034	0.50161743	0.47090149	0.51507568	0.51507//0
-0.47523449	9.44450378 -0.48782349	0.52462769	-0.53343201	0.51507568 -0.46566772
-0.48574829	0-16074036	-0.56207275 0.60354614	-0.50576782	-0.48422241
0.89115906 -0.37223816	0.89115906	0.18074036	0.18074036 0.37443542	0-69744873
-0.88905334	-0-17861938 -0-46617126	-0.46617126	-0.69534302	-0.46617126 -0.46617126
COMPONENT		0.	0.	0.
COMPONENT 18. 1 G-W	EIGHTS			
0-45108032	0.43008423	0.53534.5		
0.53715515	0.51239014	0.52191162 0.52000427	0.50755310	0.51977537
-0.41973877 -0.54464722	-0.28523254	-0.54383850	-0.53572087 -0.53726196	-0.53649902
0.30549622	0.73570251 0.45159912	0.63383464	0.77246094	-0.59703064 0.67059326
-0.41992188	-0.46455383	0.39076233 -0.34219360	0.03952026	-0.62953186
-0.41992186	-0.46455383	0.	-0•44509≈38 0•	-0.81419373
COMPONENT 19. 1 G-WE	IGHTS		•	0.
0.47538757	0.48434418	0.43659973	0.45104000	
0 41998291	0-46868646	0.62904358	0.45104980 -0.54272461	0.63519287 -0.48588562
-0.50415039 -0.52119446	-0.48167419	-0.49217224	-0.47514343	-0.49736023
0.56121826	0.26841736 G.63157654	0.78237915 0.28636169	0.78237915	0-41920471
-0.50633240	-0.30307007	-0.64836121	0.26841736 -0.52427673	-0.52427673
-0.66629028	-0-52427673	0.	0.	-0.30307007 0.
COMPONENT 20. 1 G-WE	IGHTS			
0.52682495	0.47802734	0.48423767	0.50311001	
0.55952454	0.53265311	0.36346436	0.50314331 -0.50166321	0.55209351 -0.54287720
~0-27825928 ~0-53988647	-0.50263977 0.58035278	-0.50978088	-0.59895325	-0.52590942
0 56439209	0.60989380	0.61466980 0.34849540	0.61466980	0.36447144
-0.42276001	-0.68635559	-0.43406677	0•30302429 -0•43406677	-0.43406677 -0.42276001
-0.69647639	-0.46945190	0 🗈	0.	0.
COMPONENT 21. L G-WE	I GHT S			
0.39065552	0.66343689	0.39323425		
0.48852539	0.44419861	0.40457153	0.50282288 -0.58364868	0.71249390
~0.53276062 ~0.53564453	-0.57206726	-0.53405762	-0.13615417	-0.58364868 -0.52197266
0.24842834	0.75578308 0.20802307	0.84501648	0.37051492	0.24087524
-0.61732239	-0.67732239	0.62106323 -0.63691711	0.71028137	-0.54768372
-0.54768372	-0.67732239	0.	-0-16246033 0-	-0.07324214 0.
COMPONENT 22. I G-WE	I GHT S			
0.42434692	0.48350525	0.34044333		
0.42068481	0.34866333	0.34866333 0.63198853	0.34866333 -0.55039978	0.99343877
-0.57833462	0.	-0.57833862	-0.57652283	-0.55966187 -0.57833862
-0.57833862 0.	0.45874023 0.35176086	0.90344238	1-90344238	0.29307556
~0.75439453	-0.75439453	0.90344238 -0.03280640	0-18608093	-0.75439453
-0.75439453	-0.75439453	0.	0. 0.	-0.19515991 0.
COMPONENT 25. 1 G-WEE	GHTS			••
0.4/869873	0.48684692	0.48829651	() &	
0.479995/3	0.48872375	0.56273132	0.60233647 -0.51564026	0.47229004 -0.44812012
-0.49188232 -0.53707886	-0.44210815	-0.54329918	-0.52249146	-0.49934387
0.48605347	0.49145508 0.36900330	0.49145508 0.48728943	0.72146666	0.59371948
-0.49232483	-0.50184631	-0.50184631	0.35949707 -0.50184631	-0.50723267
-0.50184631	-0.49119568	0	0.	÷0.50184631 0.€
COMPONENT 24. 1 G-WEE	GHTS			
0.47184331	0.59271240	0.58247475	0.22485840	0.4201411
0.55043030 -0.46890503	9-53396606	0.43846130	0.22403840	0.60014343 -U.59178162
-0.490503 -0.75874329	-0.57585144 0.	-0.62069102	-0.51765442	-(.52633667
C = 78 1048 54	U. 78704814	0.7H704H34 0.43661499	0.43661449	0.34279724
-0.38110352	e0 38793945	-0.78689575	0.38279724 -0.78689575	-0.4440612F -0.4440612F
C. 3H140352	-0. 18793945		0.	~0.4440512H

COMPONENT 25. 1 G	-WEIGHTS			
0.68035889 0.45692444	0.47608948	9.48634338	0.45274353	
-0.58272961	0.46603394	0.49189758	-0.54856873	0.4 89 56299 -0.42527771
-0.59483537	-0.52621460 0.68655346	-0.37893677 0.49470520	-0.37336731	-0.57054138
0.68655396 -0.45535278	0.41561890	0.48426819	0.41561890 0.48426819	0.33235168
-0.53858948	-0.34672546 -0.45535278	-0.61767578	-0.70094299	~0.53858748 ~0.34672546
	0.47333218	c.	0.	0.
COPPONENT 26, 1 G-	HEIGHIS			
0-49856567	0.49836731	0.43542424		
0.45013428 -0.45249y39	0-49160767	0.47547438 0.52447510	0.498/0300 -0.51023865	0.56262207
-0.51513672	-0.51210022 0.42944336	-0.56031799	-0.51634216	-0.4#939514 -0.44393921
0.42944336	0.54949951	0.54949951 0.76112610	0.70112610	0.62490845
-0.50778196 -0.50778198	-0.3561 8591	-0.43238831	0.01490784 -0.70405579	-0.50778198
	-0.35618591	0.	0.	-0.62783813 0.
COMPONENT 27. L G-	HEIGHTS			
0.38496399	0.45803833	0.40859985		
1.00000000 -0.48812866	0.40811157	0.46749878	0.40898132 -0.52006531	0.46376038
-0.54118347	-0.49787903 0.	-0.51539612	-0.51213074	-0.51173401 -0.41345215
0.20925903	0.82386780	0.82386780 0.20925903	0.91003418	0.14347839
-0.7522888? 0.	0.	-0.64137268	0.88020325 -0.75228882	-0.64137268 -0.64137268
	-0.57125854	0.	0.	0.
COMPONENT 28. 1 G-W	EIGHTS			
0.44763184	0.35240173	0.41700745	0.41228***	
0.59773254 -0.58799744	0.41700745	0.41702271	0.41376784 -0.57838440	0.93736267 -0.49096680
-0.45042419	-0.25404358 0.84738159	-0.57521057 0.23419189	-0.58799744	-0.47492981
0.92012024 -0.12030029	0.30696106	0.00033569	0.19268799 0.72775269	0.77052307
-0.61384583	-0.49810791 -0.61384583	-0.613#4583	-0.49810791	-0.42808533 -0.61384583
COMPONENT 29. 1 G-W	FIGHTS	0.	0.	0.
0.60877991 0.46830750	0.41661072	0-44168091	0.43481445	0.45571899
-0.59371948	0.73063660 -0.53253174	0+44343567 -0+52827454	-0.45707703	-0.38819885
-0.42749023 0.45935059	0.60078430	0.33332825	+0.54119873 0.67897034	-0-53146362
-0-44609070	0.48632813 -0.44609070	0.30630493	0.38111877	0.75376892 -0.51275635
-0.44609070	-0-44609070	-0.39#31543 0.	-0.66574097	-0.63876343
COMPONENT 30 , 1 G-WE	EIGHTS		0.	0.
0.42518616	0.40908813			
0.44514465	0.40843201	1.00000000 0.43728638	0.45744324	0.41738892
-0.54583740 -0.59693909	0.	-0.55378723	-0.61434937 -0.54000854	-0.54563904
0.45971680	0.08819580 0.72203064	0.	0.72203064	-0.60340881 0.49250793
-0.41354370 -0.41966248	-0.41354370	0-76063538 -0-69573975	0.75482178 -0.45594788	-0.73204041
	-0.45594768	0.	0.	-0.41354370 0.
COMPONENT 31. 1 G-WE	IGHTS			
0.43218494	0.46043823	0.47660H28		
0.41952515	0.45808411	G.54913330	0.55744934	0-62654114
-0.60253906 -0.53834534	-0.28561401	-0.23477173	-0.59835815 -0.60260010	-0.647140,0
0.72381592	0.40571594 0.36630249	0.53013611	0.52703857	-0.49057007 0.76013184
-0.4n290405 -0.63635254	-0.44470215	0.16619873 -0.79939270	0.52061462 -0.63635254	-0.05255127
	-0.63946533	0.	0.	-0.40921838 0.
COMPONENT 32. 1 G-WE	IGHTS			
0.79914856	0.41224670	0.41949463	A	
0.42573547 -0.60717//3	0.47236633	0.41850241	0.42288208 -0.60267639	0.62957764
-0.61192322	-0.33695984 0.12400818	-0.39726257	-0.61599731	-0.45481873 -0.37315369
0.35914612 -0.65655518	0.34465027	0.20709229 0.73400879	0.73400879 0.74851990	0.74851990
-0.65655518	-0.25268555 -0.26719666	+0.55897527	-0.64205933	-0.40693665 -0.55897522
COMPONENT 33. L G-H-		0.	0.	0.
0.49627686 0.49749756	0.49525452	C.50566101	0.51177979	0.501-15-0
-0.49485779	0.49774170 -0.51948547	0.49394/26 -0.50611877	-0.50949097	0.50181580 -0.49914551
-0.51072693 0.49424744	0.44831848	0.44831848	-U-44921875 O-44613647	-0.51092529
-0.50863647	0.5 '223511 -0.51684900	0.57223511	0.44613647	0.57223511 -0.50863647
-0.51084900	-0.508 1647	-0.51084900	-0.43281555 0.	-0.50863647
COMPONENT 34. L G-WEI	GHTS		••	0.
0.54244473	0.43319702	/ A 10/ / \$: : =		
0.43804932	0+60925293	0.44653660 0.46536755	0.54277039	0.49775696
-0.51461792 -0.56540161	-0.51222229	-0.41273449	-0.51333618 -0.49739775	-0.53263855
0.49034119	0.57615662 0.50489807	0.73339844 0.29115295	0.57951355	-0.51162720 0.54930115
~0.46043823 -0.52165222	-0.49163818	-0.49504(89	0.27517700 -0.33415222	-0.49163818
** ** 101/6/	-0.61378662	6.	0.53415777	-0.49163818 0.
				-

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Sam Reference

COMPONENT 35. 1 G-H	EIGHTS			
	0.48828125	0.46373413	0.47547913	0.46781921
0.49813843 0.4973 9 075	0.45715332	0.63197327	-0.35221863	-0.53009033 -0.54753113
-0.53009033	-4.53979492	-0.42781067	-U.54232788 D.79998779	0.79998779
-0.53009033	0.79998779 0.79 9 98779	0. 0.	0.79998779	-0.58389282
0. -0.50389202	-0.58389282	0.	-0.58389282	-0.55479431 0.
-0.55479431	-0.55479431	0.	0.	v.
COMPONENT 36. L G-W	EIGHTS			
	0.64301100	1.00000000	0.33409119	0.43403625
0.50495911 0.36521912	0.5\$291199 0.34007263	0.45638928	-0.67512512	-0.34857178 -0.45991516
-0.67625427	-0.67428569	-0.68911743	+0.30541992 0.	0.80381775
-0.17124939	0.94012451	0.37577820	0.946.2451	-0.20825195
0.94012451 -0.70687866	0. 0.70687866	-0.07345581	-0.268/5193	-0.70687866 0.
-0.70487866	-0.68247986	0.	o.	••
COMPONENT 37. 1 G-1	NET CHTS			
0.5435180/	0.53964233	0.55557251	0.51153564	0.49690247 -0.54815674
0.56712341	0.47508240	0.31079102	-0.50247192	-0.52273560
-0.50370769	-0.53550720	-0.43626404 0.79304504	-0.46398926 0.20695496	0.79304504
-0.48733521	0.67167664 0.20695496	C.32829285	0.67167664	-0.35302734
0.32 82 92 8 5 -0.31317139	-0.89926147	-0.43453979	-0.35302734	-0.31317139 0.
-0.89926147	-0.43453979	0.	0.	••
COMPONENT 38. 1 G-	WEIGHTS			
		0.78195190	0.41429138	0.60591125
0.52651978 0.40267944	0.40219116 0.40219116	0.46421814	-0.64073181	0. -0.46578979
-0.64073181	-0.63830566	-0.64062500	-0.44528198 0.	0.
-2.52850342	0.67349243	0.82453915 0.17913818	0.82453918	-0.62640381
0.67270605	0.82453918	-0.62661743	-0.62661743	-0.24047852 0.
-0.62661743 -0.62661743	-0.62661743	0.	0.	0.
COMPONENT 39. 1 G-	WEIGHTS			
	0.4410.7054	0.44450378	0.44723511	0.44006348
0.55712891 0.49215698	0.44107056 0.73887634	0.43891907	-0.51278657	-0.53793335 -0.51435852
-0.45643616	-0.45184326	-0.45251465	-0.53691101 0.56091309	0.65275574
-0.53715515	0.34265137	0.53703308 0.46606445	0.25080872	-0.54949951
0.53763308	0.65275574 -0.57336426	-0.50241089	-0.47851563	-0.54949951 0-
-0.38665771 -0.38665771	-0.57336426	0.	0.	••
CUMPONENT 40. 1 G	-weights			
	_	0.43820190	0.44602966	0.48132324
0.44471741	0.68969727 0.55551147	0.44357300	-0.53680420	-0.55039978 -0.55218506
-0.55499268	-0.55497742	-0.49754333	-0.19764709 0.57151794	0.59580994
-0.55541992	0.50915527 0.59580994	0.50102234 0.53648376	0.13752747	-0.43984985
0.55264282 -0.48301697	-0.49916077	-0.49916077	-0.53463745	-U.48301697 O.
-0.52648926	-0.53463745	0.	0.	•
COMPONENT 41. 1 G	-WELGHTS			
		0.48538208	0.48860168	0.61396790
0.48757935	0.51202393 0.48294067	0.50573730	-0.51271057	-0.52496338 -0.51132202
0.42375183 -0.51057434	-0.56245422	-0.52874756	-0.33244324 0.50628552	0.43704224
-0.51675415	0.64317327	0.6→317322 0.44654846	0.15126038	-0.42338562
J.65266418 -0.42338562	0.51780701 -0.55825806	-0.42550659	-0.42338562	-0.55825 8 06 0.
-0.55825806	-0.62953186	0.	0.	••
COMPONENT 42. 1 G	-wEIGHTS			
		0.48696899	J.50028992	0.41291809
0.46936035 0.49626160	0.44059753 0.67176819	0.52180481	-0.59849548	-0.60212708 -0.67100525
-0.64440918	-0.16416931	-0.68257563 0.58209229	-0.63727229 0.58209229	0.36062458
0.	0.58909607 0.58209229	0.35383606	0.36082458	-0.67430115
0.58909607 -0.44567708	-0.44587708	-0.66419983	-G.43846484	-0.44587708 0-
-0.44587708	-0.43896484	0.	0•	.
COMPONENT 43. 1	G-WELGHT.			
Comparent	0.38871765	0.43753052	0.35954285	1.00000000
0.64649963	0.41049194	0.38026428	-0.52609253 -0.51837158	-0.56546021
-0.48124695	-0.49191284	-0.52978516 0.66333008	0.68727534	0.47634888
-0.48649597	0.66333008 0.5316 <i>1</i> 725	0.53167725	0.	-0.45014954 -0.45014954
0.44638062 -0.45014954	-0.64541626	-0.45837402	-0.45014954 0.	0.
-0.64541626	~0.45014994	0.	V •,	
COMPONENT 44. 1	G-WEIGHTS			
	0.49485779	0.50834656	0.56857300	0.45135498 -0.43133545
0.50004578 0.48800659	0.49786377	0.44090576	-0.54769372 -0.53144836	-0.5463867/
-0.55404663	-0.45275879	-0.47836304 0.22037166	0.60212708	0.73158264
-0.45796204 0.40985107	0.54206848 C.41824341	0.47314453	0.60261536	-0.34255981 -0.52418518
-0.579025/7	-0.52418518	-0.39469910	-0.71638489 0:	0.
-0.52418518	-0.39469910	0.	**	

OMPUNENT 45 % 1 G-WEI	CHTS			0.40994263
	0.36111450	0.19457042	0.61141968 -0.59793091	-0.53950500
0.48428345 0.43666077	0.46175984	0.44001777	-0.32942200	-0.5962371# 0.76286310
-0.53889465	-0.53764343 0.03575134	0.06608582	0.75601196 0.42506409	-0.39485168
-0.33197021	0.77311707	0.72752380	-2.44052124	-0.44052124
0.45355225 -0.41372681	-0.74224854	-0.39485168 D.	0.	0.
-0.76113892	-0.41209412	0.		
OMPONENT 46 & L G-WET	r GHT S		0.46536255	0.37182617
0.47856140	0.38652039	0.71495056 0.53152466	-0.56582642	-0.49807739
0.57575989	0.47544861	-0.37014771	-0.54896545	-0.52191162 0.78649 9 02
-0.52172852	-0.48567700 0.52191167	0.15518188	0.78649902 0.19885254	-0.42378235
-0.48764038 0.54347229	0.44194031	0.56558228	-0.42378235	-0.42378235
-0.42378235	-0.42378235	-0.79045105 0.	0.	0.
-0.42378235	-0.6668390R	v.		
CUMPOMENT 47. L G-HE	IGHTS		0.46731567	0.83038330
0.47294617	0.45710264	0.47724915 0.43496704	-0.52899170	-0.47827148 -0.5:2915955
0.41400146	0.44540405	-0.50141907	-0.51211548	0.71914673
-0.52522278	-0.53007507 0.	0.55265808	0.66595459 0.13743591	-0.49462891
-0.39471436 0.65298462	0.55265808	0.71914673 -0.1343689	-0.46765137	-0.48138428
-Q.67835459	-0.46765137	-0.1343087 0.	0.	0.
-D.58341980	-01343689	- .,		
COMPONENT 48. 1 G-W	FIGHTS	4.4696300	0.57133484	0.64149475
0.45249939	0.57184941	0.38078308 0.43052673	-0.48617554	-0.70855713 -0.69245911
0.45971680	0.49171448	-0.10124207	-0.56256104	0.65562439
-0.19670105	-0.16466370	0.65562439	0.62803650 0.10261536	-0.34248352
-0.48759460 0.80433655	0.75048828	0.40324402 -0.68394470	-0.43513489	-0.46362305
-0.46362305	-0.46362305	-0.68394413	0.	0.
-0.46362305	-0.68394470	- -		
COMPONENT 49. 1 G-M	IE I GHT S		0.40051270	0.53436279
0.50415039	0.44357605	0.51179504 0.49876404	-0.53594971	-0.47563171 -0.46768188
0.53009033	0.52671814	-0.52073669	-0.51527405	0.86473083
-0.50354004	-0.52192688 0.45782471	0.08295678	0.11555481 0.42398071	-0.41276550
-0.45921326 0.41821289	0.79884338	0.83787537 -0.78759766	-0.41276550	-0.37373352
-0.37373352	-0.82026672	0.	0.	0.
0.31313352	-0.44538879	••		
COMPONENT 50. 1 G-	HE I GHTS		0.39909363	0.57225037
0.56632496	0.50405936	0.32197266 0.38777161	-0.60479736	-0.55439758 -0.58161926
0.45198059	0,59646606	-0.50976563	-0.54821777	0.58763123
-0.53598022	-0.13342285 0.22296143	0.76402283	0.76402283 0.02270508	-0.58831787
-0.53175354 0.60490417	0.61183167	0.4?189026 -D.40255737	-0.40255737	-0.40255737
-0.40255737	-0.60655212 -0.58831787	0.	0.	0.
-D.60655212				
COMPONENT 51. 1 G-	-WEIGHTS	0.40284729	0.49809265	0.40978760
0.483001/1	9.40284729 9.60470581	0.40284729	-0.66207886 -0.62921143	-0.66439819
0.73580933	-0.60165405	-0.29026794	0.83441162	0.26046753
-0.48794556 -0.66439819	0.26046753	0.69302368 0.55033875	0.30638123	-0.36967468 -0.62979126
0.26046753	0.83441167 -0.62979126	-0.11163330	-0.36967468	-0.85414150
-0.62979126 -0.62979126	-0.62979126	0.	0.	
	-WEIGHTS			,
COMPONENT SET :	0. >0738525	0.65867615	0.38114929	0.47006226 -0.56040955
0.37419128 0.48355103	0.61535645	0.51051331	-0.53736877	-0.48916626
-0.46364434	-0.47296143	-0.56997681 0.07412720	0.86906433	0.54171753 -0.36643987
-0.44687941	0.28089905 0.82910156	0.50175476	0.56826782	-0.36643982
0.33496094	-0.64377136	-0.57325745	-0.36643982	0.
-0.36643482 -0.63377136	-0.57325745	0.	••	
COMPONENT 53. L	G-WEIGHTS			0.50581360
0.51521301	0.45289490	0.48491394	0.52507019	-0.50653076
0.44058533	0.47845459	-0.53923035	-0.50068665	-0.5484619 0.5125574
-0.54!09142	-0.49667358 0.53283691	0.53283691	0.09649658 0.807_4149	-0.5236135
-0.49624634 0.27714534	0.57185364	0.66897583	-0.86178589	-0.4254913
-0.42549133	-0.42549133	-0.62643433 0.	0.	0.
-0.42549133	-0.28718567	**,		
COMPONENT 54 & 1	U-MEICHIZ		0.48138428	0.4429321
	0.60435974	0.59046936 0.44694519	-0.40832520 -0.52510071	-0.5260772 -0.5148773
0.44233213			+0.3/3100/1	
0.44581604		-0.44760986		
0.44581604	-0.48521473 0.00929260	0.77395630	0.85543823 0.02366638	-0.579513
0.44581604	-0.48521473		0.85543823	0.6760101 -0.5795139 -0.3763733

...

and a company of the
COMPONENT 55. 1	G-WEIGHTS			
0.39390564	0.38415527	0.67710876	0.44802856	0.46046448
0.56871033 -0.50958252	0.65138245 -0.55599976	0.41622925 -0.53990173	-0.48667908 -0.52754211	-0.41094971 -0.54981995
-0.41946411	0.10173035	0.60934448	0.65393066	0.64729309
0.48387146	0.47375488	0.51832581	0.51170349	-0.47810364
-0.47810364 -0.47810364	-0.43354797 -0.47810364	-0.44017029 0.	-0.61019897 0.	-0.60359192
COMPONENT 56. 1	G-WEIGHTS	••	••	•
0.47947529	0.48255920	0.54127502	C.53877258	0.49092102
0.46977234	0.53877258	0.45823669	-0.460037?3	-0.45529175
-0.53045554 -0.493/2464	-0.53228760 0.73141479	-0.59617615 0.21870422	-0.45841980 0.25338745	-0.47355652 0.30010986
0. :-181030	0.76609802	0.71505737	0.25338745	-0.80001831
-0.36869812 -0.41972351	-0.36869812 -0.37294006	-0.41977351 0.	-0.88145447 0.	-0.36867812 0.
COMPONENT 57. 1	G-WEIGHTS			
0.39741516	0.34741516	0.39741516	0.53785706	0.49757385
0.57231140	0.73820496	0.46176147	+0.45210266	-0.65147400
-0.64898682	-0.12065125	-0.49320484	-0.65147400	-0.36920166
-0.612 86 926 0.25024414	0.88386536 0.02777100	0.22695923 0.35768127	0.53013611 0.83943176	0.88386536 -0.28457642
-0.735C1587	-0.73501587	-0.01566760	-0.73501587	-0.73501587
-0.73501587	-0.02366638	0.	0.	0.
COMPONENT 58. 1	G-WEIGHTS			
0.46232605	0.64993286	0.49775696	0.52014160	0.46102905
0.47LC9985 -0.52340698	0.47694397 -0.39045715	0.46075439 -0.5°305603	-3.52740479 -0.52659607	-0.52604675 -0.51914978
-0.46382141	0.72332764	0.31031799	0.75329590	0.35997009
0.45941162	0.35997009 -0.50680542	0.31031799 -0.19325256	0.72332764 -0.48712158	-0.48712158 -0.60627747
-0.60627747 -0.50680542	-0.60627747	0.19323738	0.48/12178	0.
COMPONENT 59. 1	G-WEIGHTS			
0.52107239	0.45381165	0.50556946	0.46432495	0.48666382
0.52479553	0.50164795	0.54208374	-0.47709656	-0.48143005
-0.48841858 -0.47709656	-0.50044250 0.54338074	-0.55369568 0.44950867	-0.49197388 0.63792419	-0.52980042 0.54403687
0.32183838	0.41571045	0.54403687	0.54338074	-0.73710632
-0.42092896 -0.42092896	-0.42092896	-0.51487732	-0.42092896 0.	-0.64317322 0.
	-0.42092898	0.	0.	0.
COMPONENT 60. 1	U-WEIGHTS			
0.51393127	0.47985840	0.67858887	0.44538879	0.44676208
0.51393127 0.44561768 -0.42140198	0.47985840 0.54776001 -0.58216858	0.44206238 ~0.58262634	0.44538879 -0.20831299 -0.57170105	0.44676208 -0.58139038 -0.47315979
0.44561768 -0.42140198 -0.57920837	0.54776001 -0.58216858 0.14512634	0.44206238 -0.58262634 0.60215759	-0.20831299 -0.57170105 0.79191589	-0.58139038 -0.47315979 0.60098267
0.44541768 -0.42140198 -0.57920837 0.40752847 -0.60623169	0.54776001 -0.58216858	0.44206238 ~0.58262634	-0.20831299 -0.57170105	-0.58139038 -0.47315979
0.44541768 -0.42140198 -0.57920837 0.40752847	0.54776001 -0.58216858 0.14512634 0.29162598	0.44206238 -0.58262634 0.60215759 0.67553711	-0.20831299 -0.57170105 0.79191589 0.48468018	-0.58139038 -0.47315979 0.60098267 -0.34005737
0.44541768 -0.42140198 -0.57920837 0.40752847 -0.60623169	0.54776001 -0.58216858 0.14512634 0.29162598 -0.60287476	0.44206238 -0.58262634 0.60215759 0.67553711 -0.60623169	-0.20831299 -0.57170105 0.79191589 0.48468018 -0.60623169	-0.58139038 -0.47315979 0.6009826/ -0.34005737 -0.22230530
0.44561768 -0.42140198 -0.57920837 0.40752847 -0.60623169 -0.41313171	0.54776001 -0.58216888 0.14512634 0.29162598 -0.60287476 -0.60287476	0.44206238 -0.58262634 0.60215759 0.67553711 -0.60623169	-0.20831299 -0.57170105 0.79191589 0.48468018 -0.60623169	-0.58139038 -0.47315979 0.6009826/ -0.34005737 -0.22230530
0.4454768 -0.42140198 -0.57920837 0.40752847 -0.60623169 -0.41313171 COMPUNENT 61. 1 1.00000000 0.45317078	0.54776001 -0.58216858 0.14512634 0.29162598 -0.60287476 -0.60287476 G-WEIGHTS	0.44206238 -0.58262634 0.60215759 0.67553711 -0.60623169 0. 0.38873291 0.44917297	-0.20831299 -0.57170105 0.79191589 0.48468018 -0.60623169 0. 0.45129395 -0.54669189	-0.58139038 -0.47315979 0.6009826/ -0.34005737 -0.22230530 0.
0.44541768 -0.42140198 -0.57920837 0.40752847 -0.60623169 -0.41313171 COMPONENT 61. 1 1.00000000 0.45317078 -0.54243469	0.54776001 -0.58216888 0.14512634 0.29162598 -0.60287476 -0.60287476 G-WEIGHTS	0.44206238 -0.58262634 0.60215759 0.67553711 -0.60623169 0.	-0.20831299 -0.57170105 0.79191589 0.48468018 -0.60623169 0.	-0.58139038 -0.47315979 0.6009826/ -0.34005737 -0.22230530 0.
0.44541768 -0.42140198 -0.57920837 0.40752847 -0.60623169 -0.41313171 COMPONENT 61.1 1.00000000 0.45317078 -0.54243469 -0.45660400 0.62447957	0.54776001 -0.58216858 0.14512634 0.29162598 -0.60287476 -0.60287476 G-WEIGHTS 0.41908264 0.41395569 -0.49453735 0.62467957 0.68612671	0.44206238 -0.58262634 0.60215759 0.67553711 -0.60623169 0. 0.38873291 0.44917297 -0.50881958 0.68512671 0.34611511	-0.20831299 -0.57170105 0.79191589 0.48468018 -0.60623169 0. 0.45129395 -0.54669189 -0.51116943 0.68612671	-0.58139038 -0.47315979 0.6009826/ -0.34005737 -0.22230530 0. 0.42454579 -0.50003052 -0.43968201 0.34611511 -0.46011353
0.44541768 -0.42140198 -0.57920837 0.40752847 -0.60623169 -0.41313171 COMPONENT 61.1 1.00600000 0.455317078 -0.5540400 0.62447957 -0.41720581	0.54776001 -0.5821888 0.1451858 0.14512634 0.29162598 -0.60287476 -0.60287476 G-HEIGHTS 0.41908264 0.41395569 -0.49453735 0.62467957	0.44206238 -0.58262634 0.60215759 0.67553711 -0.60623169 0. 0.38873291 0.44917297 -0.50881958 0.68512671	-0.20831299 -0.57170105 0.79191589 0.48468018 -0.60623169 0. 0.45129395 -0.54669189 -0.51116943 0.68612671	-0.58139038 -0.47315979 0.6009826/ -0.34005737 -0.22230530 0. 0.42454529 -0.50003052 -0.43968201 0.34611511
0.44541768 -0.42140198 -0.57920837 0.40752847 -0.60623169 -0.41313171 COMPONENT 61.1 1.00000000 0.45317078 -0.54243469 -0.45660400 0.62447957	0.54776001 -0.58216858 0.14512634 0.29162598 -0.60287476 -0.60287476 0.41908264 0.41395569 -0.49453735 0.62467957 0.68612671 -0.71267700 -0.46011353	0.44206238 -0.58262634 0.60215759 0.67553711 -0.60623169 0. 0.38873291 0.44917297 -0.50881958 0.68512671 0.34611511 -0.46011353	-0.20831299 -0.57170105 0.79191589 0.48468018 -0.60623169 0. 0.45129395 -0.54669189 -0.51116943 0.68612671 00.46011353	-0.58139038 -0.47315979 0.6009826/ -0.34005737 -0.22230530 0. 0.42454579 -0.50003052 -0.43968201 0.34611511 -0.46011353
0.44541768 -0.42140198 -0.57920837 0.40752847 -0.60623169 -0.41313171 COMPONENT 61. 1 1.00000000 0.45317078 -0.54243469 -0.4560400 0.62447957 -0.41720581 -0.56953430	0.54776001 -0.58216858 0.14512634 0.29162598 -0.60287476 -0.60287476 0.41908264 0.41395569 -0.49453735 0.62467957 0.68612671 -0.71267700 -0.46011353	0.44206238 -0.58262634 0.60215759 0.67553711 -0.60623169 0. 0.38873291 0.44917297 -0.50881958 0.68612671 0.34611511 -0.46011353 0.	-0.20831299 -0.57170105 0.79191589 0.48468018 -0.60623169 0. 0.45129395 -0.54669189 -0.51116943 0.68612671 00.46011353 0.	-0.58139038 -0.47315979 0.60098267 -0.34005737 -0.22230530 0. 0.42454579 -0.50003052 -0.43968201 0.34611511 -0.46011353 0. 0.46043396
0.4454768 -0.42140198 -0.57920837 0.40752847 -0.60623169 -0.41313171 COMPONENT 61.1 1.00000000 0.45317078 -0.5423469 -0.45660400 0.62447957 -0.41720581 -0.56953430 COMPUNENT 62.1 0.48191833 0.67094421	0.54776001 -0.58216858 0.14512634 0.29162598 -0.60287476 -0.60287476 0.41908264 0.41395569 -0.49453735 0.62467957 0.68612671 -0.71267700 -0.46611541 0.48191833	0.44206238 -0.58262634 0.60215759 0.67553711 -0.60623169 0. 0.38873291 0.44917297 -0.50881958 0.68512671 0.34611511 -0.46011353 0.	-0.20831299 -0.57170105 0.79191589 0.48468018 -0.60623169 0. 0.45129395 -0.54669189 -0.51116943 0.68612671 00.46011353 0. 0.48191833 -0.52595520	-0.58139038 -0.47315979 0.6009826/ -0.34005737 -0.22230530 0. 0.42454579 -0.50003052 -0.43968201 0.34611511 -0.46011353 0. 0.46043396 -0.31311035
0.44541768 -0.42140198 -0.57920837 0.40752847 -0.60623169 -0.41313171 COMPONENT 61. 1 1.00000000 0.45317078 -0.54243469 -0.4560400 0.62447957 -0.41720581 -0.56953430 COMPONENT 62. 1 0.481191833 0.67094421 -0.53309631	0.54776001 -0.58216858 0.14512634 0.29162598 -0.60287476 -0.60287476 0.41908264 0.41395569 -0.49453735 0.62467957 0.68612671 -0.71267700 -0.46011353 G-WEIGHTS 0.46641541	0.44206238 -0.58262634 0.60215759 0.67553711 -0.60623169 0. 0.38873291 0.44917297 -0.50881958 0.68612671 0.34611511 -0.46011353 0.	-0.20831299 -0.57170105 0.79191589 0.48468018 -0.60623169 0. 0.45129395 -0.54669189 -0.51116943 0.68612671 00.46011353 0. 0.48191833 -0.52595520 -0.53588867 0.49647522	-0.58139038 -0.47315979 0.6009826/ -0.34005737 -0.22230530 0. 0.42454579 -0.50003052 -0.43968201 0.34611511 -0.46011353 0. 0.46043396 -0.31311035 -0.56198120 0.42551880
0.44541768 -0.42140198 -0.57920837 0.40752847 -0.60623169 -0.41313171 COMPONENT 61.1 1.00000000 0.45317078 -0.45243469 -0.45660400 0.62447957 -0.41720581 -0.56953430 COMPONENT 62.1 0.48191833 0.67094421 -0.53309631 -0.56896973 0.60180664	0.54776001 -0.58216858 0.14512634 0.29162598 -0.60287476 -0.60287476 0.41908264 0.41395569 -0.49453735 0.62467957 0.68612671 -0.71267700 -0.46011353 G-WEIGHTS 0.46641541 0.48191833 -0.56083679 0.45180664 0.60180664	0.44206238 -0.58262634 0.60215759 0.67553711 -0.60623169 0. 0.38873291 0.44917297 -0.50881958 0.68512671 0.34611511 -0.46011353 0. 0.45121765 0.50518799 -0.4011597 0.47279358	-0.20831299 -0.57170105 0.79191589 0.48468018 -0.60623169 0. 0.45129395 -0.54669189 -0.51116943 0.68612671 00.46011353 0. 0.48191833 -0.57595520 -0.59588867 0.49647522 0.12698364	-0.58139038 -0.47315979 0.60098267 -0.34005737 -0.22230530 0. 0.42454579 -0.50003052 -0.43968201 0.34611311 -0.46011353 0. 0.46043396 -0.31311035 -0.56198120 0.42551880 -0.45557858
0.44541768 -0.42140198 -0.57920837 0.40752847 -0.60623169 -0.41313171 COMPUNENT 61. 1 1.00600000 0.45317078 -0.54543469 -0.45436490 0.62447957 -0.41720581 -0.56953430 COMPUNENT 62. 1 0.48191833 0.67094421 -0.553309631 -0.56896973	0.54776001 -0.58216858 0.145126358 0.29162598 -0.60287476 -0.60287476 G-WEIGHTS 0.41908264 0.41395569 -0.49453735 0.62467957 0.68612671 -0.71267709 -0.46611541 0.48191833 -0.56083679 0.450180664	0.44206238 -0.58262634 0.60215759 0.67553711 -0.60623169 0. 0.38873291 0.44917297 -0.50881958 0.68512671 0.34611511 -0.46011353 0. 0.45121765 0.50518799 -0.40211597 0.47279358	-0.20831299 -0.57170105 0.79191589 0.48468018 -0.60623169 0. 0.45129395 -0.54669189 -0.51116943 0.68612671 00.46011353 0. 0.48191833 -0.52595520 -0.53588867 0.49647522	-0.58139038 -0.47315979 0.6009826/ -0.34005737 -0.22230530 0. 0.42454579 -0.50003052 -0.43968201 0.34611511 -0.46011353 0. 0.46043396 -0.31311035 -0.56198120 0.42551880
0.44541768 -0.42140198 -0.57920837 0.40752847 -0.60623169 -0.41313171 COMPONENT 61.1 1.00000000 0.45317078 -0.54243469 -0.4560400 0.62447957 -0.41720581 -0.56953430 COMPUNENT 62.1 0.48191833 0.67094421 -0.5330931 -0.56896973 0.60180664 -0.5838029	0.54776001 -0.58216858 0.14512634 0.29162598 -0.60287476 -0.60287476 0.41908264 0.41395569 -0.49453735 0.62467957 0.68612671 -0.71267709 -0.46611353 G-WEIGHTS 0.46641541 0.48191833 -0.560/83679 0.50180664 0.60180664 -0.55989075	0.44206238 -0.58262634 0.60215759 0.67553711 -0.60623169 0. 0.38873291 0.44917297 -0.50881958 0.68512671 0.34611511 -0.46011353 0. 0.45121765 0.50518799 -0.40011597 0.47279358 0.47279358	-0.20831299 -0.57170105 0.79191589 0.48468018 -0.60623169 0. 0.45129395 -0.54669189 -0.51116943 0.68612671 00.46011353 0. 0.48191833 -0.52595520 -0.53588867 0.49647522 0.12698864 -0.45457458	-0.58139038 -0.47315979 0.60098267 -0.34005737 -0.22230530 0. 0.42454579 -0.50003052 -0.43968201 0.34611511 -0.46011353 0. 0.46043396 -0.31311035 -0.56198120 0.62551880 -0.45457458
0.4454768 -0.42140198 -0.57920837 0.40752847 -0.60623169 -0.41313171 COMPONENT 61.1 1.00000000 0.45317078 -0.45243469 -0.45660400 0.62447957 -0.41720581 -0.56953430 COMPONENT 62.1 0.48191833 0.67094421 -0.53309631 -0.56896973 0.60180664 -0.5836029' -0.45457458	0.54776001 -0.58216858 0.14512634 0.29162598 -0.60287476 -0.60287476 0.41908264 0.41395569 -0.49453735 0.62467957 0.68612671 -0.71267700 -0.46041353 G-WEIGHTS 0.46641541 0.48191833 -0.56083679 0.45180664 0.60180664 -0.55989075 -0.58360291	0.44206238 -0.5826634 0.60215759 0.67553711 -0.60623169 0. 0.38873291 0.44917297 -0.50881958 0.68512671 0.34611511 -0.46011353 0. 0.45121765 0.50518799 -0.4011597 0.47279358 0.47279358 0.47279358 0.47279358 0.47279358	-0.20831299 -0.57170105 0.79191589 0.48468018 -0.60623169 0. 0.45129395 -0.54669189 -0.51116943 0.68612671 00.46011353 0. 0.48191833 -0.57595520 -0.53588867 0.49647522 0.12698864 -0.45457458 0.	-0.58139038 -0.47315979 0.60098267 -0.34005737 -0.22230530 0. 0.42454579 -0.50003052 -0.43968201 0.34611511 -0.46011353 0. 0.46041353 -0.56198120 0.62551880 -0.45457458 -0.45457458 0. 0.35568237
0.44541768 -0.42140198 -0.577920837 0.40752847 -0.60623169 -0.41313171 COMPUNENT 61. 1 1.00000000 0.45317078 -0.45243469 -0.45640400 0.62447957 -0.41720581 -0.56953430 COMPUNENT 62. 1 0.48191833 0.67094421 -0.53309031 -0.56895973 0.6018064 -0.5836029' -0.45457458 COMPUNENT 63. 1 0.35890198 0.49456187	0.54776001 -0.58216858 0.145126358 0.29162598 -0.60287476 -0.60287476 G-WEIGHTS 0.41908264 0.41395569 -0.49453735 0.62467957 0.68612671 -0.71267700 -0.46611353 G-WEIGHTS 0.46641541 0.48191833 -0.55083679 0.55180664 -0.55989075 -0.59360291 G-WEIGHTS	0.44206238 -0.58262634 0.60215759 0.67553711 -0.60623169 0. 0.38873291 0.44917297 -0.50881958 0.68912671 0.34611511 -0.46011353 0. 0.45121765 0.50518799 -0.4021597 0.47279358 0.47279358 0.47279358 0.47279358 0.452389526	-0.20831299 -0.57170105 0.79191589 0.48468018 -0.60623169 0. 0.45129395 -0.54669189 -0.51116943 0.68612671 00.46011353 0. 0.48191833 -0.525995520 -0.53588867 0.49647522 0.12698364 -0.45457458 0. 0.35368847 -0.54727173	-0.58139038 -0.47315979 0.6009826/ -0.34005737 -0.22230530 0. 0.42454579 -0.50003052 -0.43968201 0.34611511 -0.46011353 0. 0.46043396 -0.31311035 -0.56198120 0.62751880 -0.45457458 0. 0.35568237 -0.5471649/
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CUMBONENT 62% T C	-#11 GHT C			
0.41416+31 0.37863159	0.55018616	0.44830327	0.68307495	0.44752502
~0.55462546	0.44116211 -0.59133911	0.63691711 -0.52456665	-0.38454200	-0.40699768
-0,52587891 0,46334839	0.46017456	0.27378445	-0.37411449 0.71040344	-0.63787842
-0.36517761	0.50251770 -0.692855#3	0.56317139 -0.44581604	0.25547791	0.77108765 -0.44581604
-0.44581604	-0.445R1604	0.	-0.44581604 0.	-0,69285583
COMPONENT ob. 1 G-	-XL1GHTS		••	0.
1.00000000	0.4330.445			
0.47505188	0.61386108 0.41145325	0.40252686	0.31974792	0.36985779
~0.47717285 ~0.51293945	-0.52362061	0.40747070 -0.47334790	-0.53321838 -0.55451965	-0.50575256
0.15527344	0.04997253 0.15527344	0.93716431	0.93716431	-0.41940308 0.01608276
-0.79254150	0.	0.81185913 ~0.63357544	0.93716431	-0.63357544
~0.63357544	-0.67314148	0.	~0.63357544 Q.	o. o.
COMPONENT 67. 1 G-	HE I GHT S			
0.37203479	U. 13K62305			
0.53431702	0.38186646	0.35684204 0.81887817	0.49186707	0.70535278
-0.51850841 -0.51959229	-0.50027466 0.24417114	-0.32297175	-0.50457764 -0.48698425	-0.57729614 -0.5746154B
0.60829163	0.35481262	0.75148010 0.33447754	0.75148010	0.75148010
-0.44042169 -0.74180213	-0.31585693	-0.44042969	0.19876099 -0.44042969	-0.44042969
	-0.57994080	0.	0.	-0.59463501 0.
COMPONENT 68-1 G-	dE1GHTS			
0.49963379	0.55377197	0.44876404		
0.44174500	0.49047852	0.48631287	0.49035645 -0.49017334	0.48881531
-0.49598694 -0.51046753	-0.50971985	-0.5015258A	-0.50366211	- 1.50077820 -0.45757935
0.37371826	0.65937805 0.30749512	0.38896179 0.65937805	0.29228216	0.65937805
-0.54464722 -0.62612915	-0-61088562	-0-25904846	0.65937805 -0.54464 <i>722</i>	-0.62612913 -0.52940369
	-0-25404846	0.	0.	0.
COMPONENT 64., L G-W	E I GHT S			
0-43220520	0.66558838	0.40783691		
0.41558838 -0.58413696	0.50135803	0.45980835	C.37509[55 ~O.5[9[956	0.74247742
-0.54235840	-0.28466797 0.04110718	-0-3/303167	-0.55725098	-0.58573914 -0.55355835
0.81112671	0.91552734	0.02742004 0.43695068	0.91552734 0.41088667	0.44140625
-0.86349487 -0.24307251	-0.44218445 -0.46687317	-0.24307251	-0.46687317	-0.46687317 -0.80749512
COMPONENT		0.	O •,	0.
COMPONENT 70.1 G W	EIGHIS			
3.49238566	0.51243591	0-49845886	0.54463359	
0.49388123 ~0.49668884	0.47355652 ~0.54745483	0.49238586	-0.55456543	0.49238586 -0.51416016
-0.20016479	0.71913147	-0.55271917 0.20489507	-0-55456543	-0.57963562
0.74453F35 ~0.6027U337	0.23028564	0.25546265	0.28085327 0.76968384	0.79512074 ~0.08795166
-2.55163574	~0.55163574 ~0.55163574	~0.55163574 0.	-0.55163574	-0.55163574
COMPONENT 21. 1 G-HI	FIGHTS	•	0.	0.
	10013			
0.535£7505 0.52169260	0.52392578	0.49940441	0.49780273	0.51188660
-0.48698425	0.43237305 -0.47489929	0.47720137 -0.53767395	-0.46163940	-0.53921509
-0.52133179 0.64871216	0.61013794	0.24566956	-0.48832703 0.28776550	-0.48989868
-0.34028931	0+62521362 -0+63533325	0.63311768 -0. 1377/58	0.58802795	0.31123352 -0.74978638
-0.43533325	-0.43533325	0.	-0.74978638 0.	-0.39028931 0.
CEPPONENT 77. 1 G-WE	1GHTS		•	0.
C.5111H469				
0.43487549	^•49598694 0•55496216	0.58100354	0.49890137	0.44505310
~3.54494617 -0.35220337	-0.53533936	0.49598694 -0.50205394	-0.40296936 -0.60020447	-0-52685547
0.36863708	0.04981123 0.59851074	0-71838379	0.71376038	-0.53533936 0.36399841
-0.52717100 -0.473C57c5	-0.48840332	0.59382629 -0.83816528	0.59382629 -0.48840332	-0.17807007
	-0.43365725	0.	0.	-0.49305775 0.
COMPONENT 1. S CHAF	16015			
0.5000000	-0.50000000			
J.5424U417 0.44673157	0.6/794495	0. 0.71353[49	0.619033H1 0.874H9319	0.52355951
0.24371643	0.112#0823 1.00ccnnun	0.96160989	0.52807617	0.50292969 0.5821 <i>22</i> 80
le o torrer	0.13961792	1.006606060 6.33850096	0.982299#0	0.13026428
0.50785991 7.00667139	0.68618774 0.77244568	0.46173950	0.65414429 0.59544373	0. 0.38560486
0.1/39356/	0.2024366	0+61322621 0+80551147	1.00000000	1.00000000
0.2M662213 3.5h613154	1.00000000	1.0000000	1.00000000	0.43420410 0.37899780
1.00000000	U . U . 47239685	0 • 7 35 3 36 30 0 • 94 3 200 0 7	6.45520020	0-99324036
0.52851868	HF020920*U	1.00000.00	0.38232422	0. 0.99307673
0.13768JU5 -0.66387939	^* -11.68563232	11-14767747	0.03936768	-0.53996217
-0.51274546	-11-54963232 -1-54914134	-0.5 #/18 \$/ } -0.46{	-0.13543701	-0.91676331
-0.9477996H -0.98754150	CO.4594+758	-0.76463318	-0.66320801 -0.9458¥708	0. -0.46818542
- 1 - 44554138	~0+ \$1260352 ~0+85953735	-()-57919312 -(-4743411K	-0.8251342K	-0.55488586
-0 - 87496638 -0 -1 - 394287	1.216.0369	-E.7557H to 4	~ /• 94 7 7 9 96 H (I• 4 5 2 6 3 2 4 5	(. 0.54502889
-0.12800204	-0.73713521 -1.61475037	0.648637/5 -15.6682586.6	~U=45428467	0.83959961
-11.5 14H5657	1. 154565537	•	~ •61758423 •64544422	4.64505005
J. 1114.50 1.51767435	1. 5 354 571 5	1.4M773745	-0-14212952	^d ~3641052 7 ^ ^.7266082 8
-0.04212162	•	-1 , 296 41 174 474 (431) (¹¹ қ (. н 4 + 1 7 9дн	1.04513943
-lal samma	•	<i>t</i> .	•	%+65403748 *

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COMPONENT 2. 2 G-WEIGHTS
                                    0.50000000
                                                                                                                                                      9.79731750
0.20027161
0.34326172
0.60548401
0.94822693
                                                                                             -0.50006000
                                                                                                                                                                                                                0.
0.14599609
0.58903503
                                                                                             0.14979553
0.75440979
0.55513000
0.98994446
0.63440857
0.92401123
0.51843262
                                                                                                                                                                                                                                                                          0.09835815
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0.89759827
0.73335266
0.42070007
                                                                                                                                                                                                               0.58903503
0.
0.30314636
0.04093933
D.89759827
0.94822693
                                    0.53344727
0.87940979
0.95168032
0.94822693
0.61723328
0.79121399
0.89759827
                                                                                                                                                                                                                                                                         0-11547852
0-42091370
0-66921997
0-75585938
                                                                                                                                                       0.94822693
                                                                                            0.
0.98994446
0.71731567
0.83383179
0.90269470
-0.80825806
                                                                                                                                                       0.88417053
                                                                                                                                                                                                               0.07591248
0.36192322
0.92401123
                                                                                                                                                                                                                                                                      0.66432190
0.88629150
-0.23315430
-0.84419250
-0.98287964
-0.119 4744
-0.14451599
-0.10925293
                                  0.
0.44815063
-0.99947957
-0.87966919
-0.49475098
                                                                                                                                                     0.82771301
0.34585571
-0.87875366
-0.41293335
                                                                                           -0.80825806
-0.04211426
-0.25395203
-0.64462200
-0.04211426
-0.13021851
                                                                                                                                                                                                               -0.92979431
                                                                                                                                                                                                             -0.9277431
-0.95757957
-0.65083313
-0.34999084
-0.56823/30
-0.99967957
-0.99967957
                                                                                                                                                     -3.99967957
-0.30195618
                                   -0.04211426
                                                                                                                                                    -0.30195618
-0.60095215
-0.14451599
-0.07728577
-0.86589050
-0.21524048
-0.11645508
                                   -0.06835938
                                  -0.99967957
-0.22172546
-0.04211426
                                                                                                                                                                                                                                                                      -0.10923293
-0.26329041
-0.99967957
-0.99967957
                                                                                          -0.13021851
-0.30944824
-0.35037231
-0.58891296
-0.99967957
-0.07728577
+0.48637390
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-0.99967957
0.
-0.89222717
                                 -0.99967957
-0.99967957
-0.43458557
-0.14451599
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                                                                                                                                                     -0.44407654
                                                                                                                                                                                                                                                                       -0.19941711
                                                                                                                                                                                                              -0.93696594
    MINPS=000000000000
                                                                                                                      0.
1000000000001
                                                            NCYCS=000000000014
   LEVEL 1 OUTPUT OUT OF RANGE, NEW 81AS = -0.35817437

CONTROL=000000000001

LEVEL 0UTPUT OUT OF RANGE, NEW 81AS = -0.61771074

CONTROL=000000000003

LEVE! 0UTPUT OUT OF RANGE, NEW 81AS = -0.87724711

CONTROL=0000000000003

3 BIAS CHANGES
                       LEVEL
                                          ı
                                                     MS =
                                                                           0.20000000
                                                                                                         = CAIB
                                                                                                                                  -0.87724711
                                                                        COMP.
2. 1
7. 1
                    COMP.
                                          OUTPUT
                                                                                                                             3. 1
8. 1
13. 1
                                                                                              OUTPUT
                                                                                                                                                 OUTPUT
                                                                                                                                                                                 COMP. 6
4. 1
9. 1
14. 1
                                                                                                                                                                                                      OUTPUT
                                                                                                                                                                                                                                     COMP.
                       1. 1
6. 1
11. 1
                                              0.
0.
                                                                                                                                                                                                                                                          OUTPUT
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0.
0.
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10. i
15. i
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0.8194884
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0.
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                       16. 1
21. 1
26. 1
31. 1
                                                                                                     0.1010528
0.7826257
                                               c.
                                                                              17. 1
                                                                                                                                    18. 1
23. 1
                                                                                                                                                            0.1003260
                                                                                                                                                                                           19. 1
                                                                                                                                                                                                                                                 20. i
25. i
30. i
35. i
                                               0.5929533
                                                                                                                                                                                           24. 1
29. 1
34. 1
39. 1
                                                                                                                                                            0.7902155
0.
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28. 1
33. 1
38. 1
43. 1
48. 1
53. 1
63. 1
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                       36. 1
41. 1
46. 1
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45. 1
50. 1
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0.3672326
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47. 1
52. 1
57. 1
62. 1
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54. 1
59. 1
64. 1
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0.
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                        51. i
                                                                                                     0.5929723
                                                                                                                                                            0.1396624
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                                                                                                                                                                                                                                                                         0-1344327
                                                                                                     ٥.
                      61. 1 0. 62. 1 0.
66. 1 0. 67. 1 0.
71. 1 0. 72. 1 0.
2 DUTPUT OUT OF RANGE, NEW BIAS =
CONTROL=000000000001
2 DUTPUT OUT UF RANGE, NEW BIAS =
CONTROL=0000000000001
2 DUTPUT OUT OUT OF RANGE, NEW BIAS =
CONTROL=DUT OF RANGE, NEW BIAS =
                                                                                                                                                                                                                                                  70.
                                                                                                                                                                                                                                                                         0.5761901
   LEVEL
LEVEL 2 DUTPUT DUT

CONTROL =00000000000

LEVEL 2 DUTPUT DUT OF RANGE, NEW BIRS

CONTROL =00C000000000

LEVEL 2 DUTPUT DUT OF RANGE, NEW BIAS =

CONTROL =00C000000005

4 BIAS CHANGES

7 MS = 0-01000000

OUT
                                                                                                           -1.49999996
                                                                                                              -3.49999988
                                                                         0.01000000 BIAS = -2.49999991
                   COMP. DUTPUT

1. 2 1.0195116

1 IS 1.01951

2 IS 0.
                                                                      COMP. OUTPUT
                                                                                                                            COMP. OUTPUT
0. 0 0.
                                                                                                                                                                                                                                    (OMP.
                                                                                                                                                                               COMP.
                                                                                                                                                                                                     DUTPUT
                                                                                                                                                                                            0. 0
   SUM NU.
  *** 61 INPUT H3
MINPS=0000000000007
                                                     1 DUTPUT OUT OF RANGE, NEW BIAS = CONTROL=00000000001
1 DUTPUT OUT OF RANGE, NEW BIAS =
LEVEL 1 OUTPUT OUT OF RANGE, NEW BIAS =

CONTROL=00000000003

LEVEL 1 OUTPUT OUT OF RANGE, NEW BIAS =

CONTROL=000000000003

LEVEL 1 OUTPUT OUT OF RANGE, NEW BIAS =

CONTROL=00000000007

4 BIAS CHANGES
                                                                                                            -1.52702232
                                                                                                            -1.26603623
                     LEVEL 1
                                                                         0.20000000
                                                                                                         BIAS 4
                                                                                                                              -1.26603623
                                                                                                                                                                                                                                   COMP., 00
                   CUMP.
                                        UUTPUT
                                                                      COMP.
                                                                                                                                                                               CUMP. 7
4. 1
9. 1
                                                                                            OUTPUT
                                                                                                                           COMP.
                                                                                                                                                001201
                                                                                                                                                                                                    CUTPUT
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                                            0.
C.760564H
                                                                           2. 1
7. 1
12. 1
17. 1
22. 1
27. 1
                       1. 1
6. 1
                                                                                                                                                          0.1226479
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10. 1
15. 1
20. 1
25. 1
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0.0717395
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                     11. 1
16. 1
21. 1
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24, 1
29, 1
34, 1
39, 1
44, 1
54, 1
59, 1
64, 1
                                                                                                                                                          0.5131714
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0.00
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                                                                                                   0.0528641
                     26. l
31. l
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42. 1

47. 1

52. 1
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40. 1
45. 1
50. 1
55. 1
                     36. 1
41. 1
46. 1
51. 1
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0.
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                                                                                                                                                         0.1056129
                                                                                                                                  48. 1
53. 1
                                             c.
                                                                                                                                                                                                                                                                       0.5313574
                    61. 1
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0.50000000
                                                                                                                                                                     1.705/5406
                                                                                                                                                                     1.10287704
                                                                                                                                                                    0.95215778
                                        LEVEL 2 MS .
                                                                                                         0.01000000 BIAS =
                                                                                                                                                                                         0.67679815
                                    COMP. UUTPUT COMP. OUTPUT COMP.

1. 2 0.3741974 2. 2 0.6699236 0. C

1 15 0.37420

2 15 0.66997
                                                                                                                                                                                                               OUTPUT
                                                                                                                                                                                                                                                          COMP.
                                                                                                                                                                                                                                                                                                                                 0. 0 O
                                                                                                                                                                                                                                                                          . OUTPUT
               SUM NO.
SUM NO.
             *** 62 INPUT V3
MINPS=0000000000006
                                                                                           INDENTIFICATION CORRECT
NCYCS=000000000014 INDICT=000000000001
          LEVEL 1 OUTPUT OUT UF RANGE, NEW BIAS =

CONTROL=00C000000001
1 OUTPUT OUT UF RANGE, NEW BIAS =

CONTROL=00C000000003
1 OUTPUT OUT UF RANGE, NEW BIAS =

CUNTROL=00C0000000003
1 OUTPUT OUT OF RANGE, NEW BIAS =

CUNTROL=00C00000000007
4 BIAS CHANGES
                                                                                                                                                             -0.11294673
                                                                                                                                                             -0.23703223
                                                                                                                                                             -0.36111774
                                                                                                                                                             -0.29907499
                                     LEVEL 1 MS .
                                                                                                           0.20000000
                                                                                                                                                    BIAS *
                                  COMP.
                                                              CUTPUT
                                                                                                         COMO.
                                                                                                                                     OUTPUT
                                                                                                                                                                                COMP.
                                     1. 1
6. 1
11. 1
                                                                                                                                                                                                             UUTPUT
                                                                                                                                                                                                                                                        COMP.
                                                                                                                                                                                                                                                                                     OUT PUT
                                                                                                                                                                                                                                                                                                                                                            OUTPUT
                                                                                                                 2. 1
7. 1
                                                                                                                                                                                                                                                                                                                              COMP.
9.
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0.5140450
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15. 1
20. 1
25. 1
30. 1
35. 1
40. 1
45. 1
50. 1
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0.3641726

0.

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0.3793367
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0.
0.4276836
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                                                                                                                                                                                         28. 1
                                                                                                                                                                                                                        0.0136273
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0.
0.
0.
0.
0.2623674
0.3832059
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0.
0.
                                                                                                                                                                                                                                                                                                                                              60.
                                                                                                                                              0.0124645
                                                                                                                                                         -5.96200275
                                                                                                                                                         -3.2310G13A
     CONTROL=00000000007

LEVEL

CONTROL=00000000007

LEVEL

CONTROL=00.000000007

LEVEL

CONTROL=00.000000007

LEVEL

CONTROL=00.000000007

CONTROL=00.000000007

CONTROL=00.0000000007

CONTROL=00.0000000007

CONTROL=00.00000000007

7 BEAS CHANGES
                                                                                                                                                       -1.35343793
                               EFVEL 2 MS =
                                                                                                     0.01000000 BIAS # -1.35343793
                                                     COMP. UUTPUT

1- 2 1.062

SUM NU., 1 15 1.062

SUM NU. 2 15 C.
                                                                                                                                                                        COMP. OUTPUT
6. 0 0.
                                                                                                                                                                                                                                                0. 0 0.
                                                                                                                                                                                                                                                                                                                        COMP. OUTPUT
0. 0 0.
     ### 63 INPUT H4
                                                                                INPUT H4
 LEVEL I CUTPLY OF RANGES NEW BIAS *

CONTROL*DOLOGIODOUGES

LEVEL BUTPUT CUT OF RANGES, NEW BIAS *

CONTROL*DOLOGOUGES STEEN BIAS *

                                                                                                                                                    -0.43367051
                                                                                                                                                    -0.44744207
                                                                                                                                                    -1.56111463
                                                                                                                                                    -1.264/5286
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からし.

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LFVEL 1 MS =
                                                       0.20000000 RIAS = -1.26425286
                                                                                                                                                                   COMP. U. 5. 1
10. 1
15. 1
                 COMP.
                                UUTPUT
                                                                                           CUMP.
                                                                                                               PUT CUMP COMP CO 0.6868979 4. 1 0. 9. 1 0. 14. 1 0. 19. 1 0. 29. 1 0. 24. 1 0. 34. 1 0. 44. 1 0. 49. 1 0. 59. 1 0. 59. 1 0. 59. 1 0. 69. 1 0. 69. 1 0. 0. 0 0
                                                                                                          DUTPUT
                                                                                                                                CUMP .
                                                                                                                                               CUTPUT
0.
0.
0.
0.
0.
0.0118176
                                                                                              3. 1
8. 1
13. 1
10. 1
23. 1
28. 1
38. 1
48. 1
53. 1
58. 1
68. 1
0. 0
                                                                                                                                                                                              0.6003018
0.
0.
                                                                                                                                                                             20. 1
25. 1
30. 1
35. 1
40. 1
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0
0.
0.01031/6
                                                                         0.0118176
0.
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0.
0.
0.4507750
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50. 1
55. 1
60. 1
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70. 1
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                                                                                                                                                       0.6088493
                                                                            0.32872127
                                                     0.01000000 BIAS # 0.32877127
    COMP. OUTPUT
1. 2 0.
SUM NO. 1 IS 0.
SUM NO. IS 1.00000
                                                    COMP. OUTPUT COMP. OUTPUT 2. 2 1.0000000 0. 0 0.
                                                                                                                                                             COMP. CUTPUT
0. 0
                                                                                                                            CDMP. OUTPUT
0.0 0.
    *** 64 INPUT V4
MINPS=000GU-U000G4
                                           INDENTIFICATION CURRECT
NCYCS=0000000000014 INDICT=000000000001
   UUIPUT COMP. CUTPUT

1 0.0593282 5. 1

1 0.3681388 10. 1

1 0.1315851 15. 1

1 1 0.3714395 25. 1

1 1 0.3714395 25. 1

1 1 0.1365009 30. 1

4. 1 0.1416027 35. 1

9. 1 0. 40. 1

4. 1 0.0988512 45. 1

1. 1 0.0359876 50. 1

54. 1 0.0762750 60. 1

0. 65. 1

1002505 70. 1
                 LEVEL 1 MS =
                                                       0-20000000 BIAS =
                                                                                             0.3/216734
                                                                        TPUT COMP.

0.2495119 3.1
0. 8.1
0. 13.1
0. 15.1
0. 23.1
0. 28.1
0. 33.1
0. 38.1
0. 0.1982459 43.1
0.1982459 43.1
0.1033558 48.1
0.0447025 53.1
0. 58.1
                              0.0831299
0.0342653
0.0596045
0.2311660
                                                                                                              PUI CUMP. (
0.3008617 4.1
0. 9.1
0. 14-1
0.1192173 19.1
0.0568076 24.1
                                                     COMP
                                                                    109100
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                  1. l
6. l
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7. 1
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17. 1
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27. 1
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                                  0.
0.0842589
                  26. I
31. 1
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38. 1
43. 1
48. 1
53. 1
                                   0.0861796
                                  0.0861796
0.
0.1214049
0.1033704
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0.0129104
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0.0675351
                                  0.
0.1978395
                                                                         0.3284317
                                   0.0157817
                    O BLAS CHANGES
                 LEVEL 2 MS =
                                                    0.01000000 BIAS =
                                                                                              0.
                            OUTPUT
                                                    COMP. OUTPUT COMP. OUTPUT 2. 2 1.0593695 0.0 0 0.
               COPP.
                                                                                                                             CUMP. OUTPUT CHMP., NUTPUT
    L. 2
SUM NO. 1 IS
SUM NO. 2 IS
                             0.
J.
1.05937
    *** 65 INPUT H5 MINPS=000000000004
                                           IDENTIFICATION INCORRECTS INDICT=0000000000001
   0.06944443
                                                                                0.20833330
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3.03466320
                                                                                                                                                                                                              1.62149826
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           0. 38497695
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                                          CUMP.
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                                                                                       0.1672027
0.1361624
C.1124650
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0.02979[7
0.0968052
0.09887[5
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          LEVEL
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                                     CONTROL-DOGOLOGOGO 2

2 DUTPUT OUT OF MANCE, NEW BIAS =
CONTROL-DOCOGOGOGO 7

3 BIAS CHANGES
           LEVEL
                                                                                                                                                                                                       0.88343832
                                           LEVEL 2 MS #
                                                                                                                                    = 2A18 00000010.0
                                                                                                                                                                                                                                         0.88343832
         COMP. UUTPUT
1. 2 0.181
SUM NO. 1 IS C.181
SUM NO. 2 IS 0.776
                                                                                                                                          OMP. OUTPUT COMP.
2.2 0.7781097 0.
                                                                                                                                COMP.
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0. 0 C.
                                                                                   0.1810751
C.18103
0.77811
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                                                                                                                                                                                                                                          0. 0
          *** 66 INPUT H5
MINPS=000000000004
                                                                                                           10 NTIFICATION INCURRECT.
NCYCS=000000000000012 INDICT=0000000000001
    0.06944443
                                                                                                                                                                                                     0.20833330
                                                                                                                                                                                                    0.57564052
                                                                                                                                                                                                    0.53090078
                                                                                                                                                                                                   0.50850591
                                       LEVEL 1 MS #
                                                                                                                                0.20000000 BIAS =
                                                                                                                                                                                                                                 0.50850591
                                                                       OUTPUT
                                                                                                                           COMP.
                                                                                                                                                                              0.09/8345
                                                                                                                                                                                                                        COPP.
                                                                                                                                                                                                                                                             OUTPUT
                                                                                                                                                                                                                                                                                                                   CUMP.
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                                                                                                                                                                                                                                                                                                                                                       OUTPUT
                                                                               0.2439471
0.0491580
                                                                                                                                                                                                                                                                                                                                                                                                                                                    DUTPUT
                                                                                                                                                                                                                                                                             0.0711136
9.087275h
0.0448942
9.0862830
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0.0872511
0.2507827
0.0845951
0.0698302
0.0965568
0.0780787
0.0975614
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0.1007637
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21. 1
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C.
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0.1245276
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0.0894337
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0.1138047
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| 61. | 0.1604260 | 62. | 1 | 0.666. | 0.666. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 0.676. | 
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67. L
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70.
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ر به ترویمی

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FEAET 5
                                                                   MS =
                                                                                              0.01 300000
                                                                                                                                      BIAS -
                                                                                                                                                                       0.91958931
                                                     0.572093'
0.57209
                                                                                                                                                                                                                            COPP. OUTPUT
0.0 C.
                                                                                                                            0.4240527
                                                           C.42405
                                                                            | ThDENTIFICATION | CORRECT | NCYCS=00000000014 | INDICT=000000000001
       ••• 67 ENPUT H5
#ENPS=000000000003
     LEVEL 1 OUTPUT OUT OF RANGE, NEW BIAS =
CONTROL=00000000001
LEVEL 1 OUTPUT OUT OF RANGE, NEW BIAS =
CONTROL=00000000003
                                                                                                                                          -0.39390613
                              1 OUTPUT OUT OF RANGE, NEW BIAS =
      LEVEL
                                                                                                                                          -1.36565767
       CONTROL=00000000003

LEVEL 1 GUPUT OUT OF RANCE, NEW BIAS =

CUNTROL=00C000000007

4 BIAS CHANGES
                                                                                                                                          -1.12272029
                             LEVEL 1
                                                                   MS -
                                                                                              0-20000000 EIAS -
                                                                                                                                                                -1.12272029
                                                                                                                                                                                                                        COMP. 4. 1
9. 1
                           COMP.
                                                     1.9100
                                                                                           COMP.
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                                                                                                                                                          COMP.
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NEW BIAS =
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18. 1 
                                                                                                                                          -0.91452067
                                                                                                                                        -1.12178099
                             LEVEL 2 MS =
                                                                                             0.01000000 81AS = -1.1~178099
                                                                                           COMP. OUTPUT COMP. OUTPUT 2. 2 1.0020080 0. 0 0.
       CUMP. DUTPUT

1. 2 0.

SUM ND. 1 IS 0.

SUM NU. 2 IS 1.0020
                                                  0.
0.
1.00201
                                       INPUT V5
                                                                            INDENTIFICATION CORRECT
NCYCS=000000000014 INDICT=000000000001
       MINPS=0000000000002
     0.02281575
                                                                                                                                        0.07268353
                             LEVEL 1 MS =
                                                                                              0.20000000 BIAS =
                                                                                                                                                                0.07268353
                                                                                                                                                           COMP.

3. 1
8. 1
13. 1
18. 1
23. 1
28. 1
33. 1
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4.1
8 9.1
14.1
19.1
24.1
29.1
                                                                                           COMP.
2. 1
7. 1
12. 1
17. 1
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5, 1
10, 1
15, 1
20, 1
                          COMP.
1:1
6:1
11:1
                                                     UUTPUT
0.1738327
0.6560995
                                                                                                                                                                                                                                                       OUTPUT
L 0.
L 0.
                                                                                                                     OUTPUT
                                                                                                                                                                                     UUTPUT
                                                                                                                              0.1306314

0.

0.1118974

0.
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0.3413848
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0.
0.1814771
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31. 1
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30. 1
35. 1
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39. 1
44. 1
49. 1
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48. 1
53. 1
58. 1
63. 1
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70, 1
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59. 1
64 c 1
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                                                                                                                                             0.74918467
                                                                                                                                            0.56188850
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0.34634 (7.00)
                        C .** .
                                                                                                PJT (JA), JAPUT
1.0453437 (J. **)
                                                                                                                                                                  CUMPLE CUTPLE
          SUM You 1 25
SUM YOU 2 25
                                                                                                                                                                                                                            Cultur
0. 0 0.
          ###P$+00\C106000\1
                                                           LEVEL 1 FUTPUT DUT OF MANOY, NEW BIAS .

CONTRACT-COCOCLOSCOCT

1 FUTPUT DUT OF MANOT, NEW BIAS .

CONTRACT-COCOCLOSCOCT

LEVEL 1 DUTPUT DUT OF MANOT, NEW BIAS .

CONTRACT-COCOCLOSCOCT

LEVEL 1 FUTPUT DUT OF MANOT, NEW BIAS .

CONTRACT-COCOCLOSCOCT

LEVEL 1 DUTPUT DUT OF MANOT, NEW BIAS .

CONTRACT-COCOCLOSCOCT

LEVEL 1 DUTPUT DUT OF MANOT, NEW BIAS .

CONTROL-COCOCLOSCOCT

LEVEL 1 DUTPUT DUT OF MANOT, NEW BIAS .

CONTROL-COCOCLOSCOCT

CONTROL-COCOCLOSCOCT

PRIPS CPANIES
                                                                                                        0.45950502
                                                                                                     -1.74331 +79
                       LEVEL 1 WS .
                                                                     0.20000000 BIAS - -1.2433197-
                                       O. C. C. G.
                      CJ#P.
                                                                    LOMP.
                       1. 1
6. 1
11. 1
14. 1
21., 1
24. 1
31., 1
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                                                                       7. 1
                                                                                            C-3134159
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17. 1

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27. 1

32. 1

37. 1

42. 1

47. 1

57. 1
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19. 1
24. 1
29. 1
34. 1
39. 1
44. 1
54. 1
59. 1
64. 1
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0.2329703
                                           C. 3439,52
C.26C7747
C.
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41. 1
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C.
O. 7895435
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0.
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                                                                      67. 1
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     71. 1 0. 67. 1 C. 68.

LEVEL 2 INTRUT DUT OF NAMES, MEMBIAS * -C.47787456

CONTROL COULDODO 1

LEVEL 2 LUTPUT CUT OF RAMES, MEMBIAS * -C.94578916

CONTROL COGOUCODCCT

7 ETAS CHANGES
                                                                                                                                                                                           e.
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                                                                                                                                                                                                                        0. 2
                      LEVEL 2 MS .
                                                                  0.01000000 BIAS = -0.94578916
                   CUMP. SUTPUT
                                                                 2. 2 1.0000
                                                                                      t.000000 O. C. C.
                      1 15
                                    C.
3.
1.00000
                                                                                                                                                            CLMP. CUTPUT
                                                                                                                                                                                                         COMP. 051PUT
                                                   MINPS=0000C0COUGL4
  LEVEL 1 CUTPUT DUT OF RANGE, NEW BIAS 2

CONTROL *COCCUOCOCCO

***CONTROL *COCCUOCOCCO

***CONTROL *COCCUOCOCCO

LEVEL 1 CUTPUT DUT OF RANGE, NEW BIAS 2

CONTROL *COCCOCCOCCO

LEVEL 1 CUTPUT DUT OF RANGE, NEW BIAS 3

CONTROL *COCCUCCOCCO

LEVEL 1 CUTPUT OUT OF RANGE, NEW BIAS 3

CONTROL *COCCUCCOCCOCC

LEVEL 1 CUTPUT OUT OF RANGE, NEW BIAS 3

CONTROL *COCCUCCOCCOCC

LEVEL 1 CUTPUT OUT OF RANGE, NEW BIAS 3

CONTROL *COCCUCCOCCOCC

BIAS CRANGES
                                                                                                -1.01613348
                                                                                               -0.94677484
                   LEVEL 1 MS .
                                                                 0.20000000 8145 - -0.94677484
                 Cu#P.
                                  30 FPU 1
                                                                                                            CUMP.

3. 1

8. 1

13. 1

18. 1

23. 1
                                                                                 OUTPUT
                                      C.
0.0H0468B
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1 1.03333470
1 0.
1 0.
1 0.
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6. 1
11. 1
16. 1
21. 1
26. 1
31. 1
36. 1
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51. 1
61. 1
61. 1
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7. 1
12. 1
17. 1
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29. 1
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C.
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28. 1
33. 1
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43. 1
48. 1
53. 1
63. 1
66. 1
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1.0052141
                                       0.8638425
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44. 1
54. 1
59. 1
64. 1
69. 1
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                                                                                                                                                                                       0.0007885
                                                                                             -1.44944906
                                                                                             -3.4/99998
                                                                                             -7.49994471
                                                                                             -2,9999+791
```

effet / Ms . Sustanorons etas . c./5553658

```
LEVEL 2 DUTPUT DUT LIF RANGE, NEW BIAS =
CONTROL=000000000005
6 BIAS CHANGES
                                                                                         -2.74991791
                                                                0.01000000
                                                                                                       -2.74999991
                       CUMP. OUTPUT

1. 2 C.9361377

1. 15 O.93614

2. 15 O.
                                                             COMP. OUTPUT 2. 2 0.
                                                                                                           P. UUTPUT
0 ° C 0.
                                                                                                                                           COMP. CUTPUT
0. 0 0.
                                                                                                    COMP.
                                                                                                                                                                                 COMP. OUTPUT
0. C 0.
           *** 71 INPUT HI
MIMPS=000000000013
                                                    INDENTIFICATION CURRECT NCYCS=000000000014 INDICT=000000000001
          -0.38233471
                                                                                         -1-17896156
          CONTROL=00000000007

LEVEL 1 OUTPUT OUT UF RANGE, NEW BIAS =

CONTROL=0000000000007

LEVEL 1 OUTPUT OUT UF RANGE, NEW BIAS =

CONTROL=000000000007

6 BIAS CHANJES
                                                                                         -1.37811829
                        LEVEL 1
                                            MS =
                                                              0.20000000 BIAS =
                                                                                                      -1.47769664
                      COMP.
                                      OUTPUT
                        1. 1
6. 1
11. 1
16. 1
21. 1
26. 1
31. 1
                                                             COMP.
                                                                            OUTPUT
                                                                                                   COMP.
                                                                                                                                          COMP.
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                                                                                  0.6150116
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17. 1
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27. 1
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0.
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0.1685954
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23. 1
28. 1
33. 1
38. 1
43. 1
53. 1
58. 1
63. 1
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29. 1
34. 1
39. 1
44. 1
49. 1
5/. 1
29. 1
64. 1
69. 1
                                                                                 0.1468699
0.
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                      41. 1 0.
46. 1 0.
51. 1 0.
56. 1 0.
61. 1 0.5798519
66. 1 0.
71. 1 0.
2 DUTPUT OUT JF RANGE,
CONTROL=00000000001
1 BIAS CHANGES
                                                                                                                                                                                          40. 1
                                                                                                                          0.6419428
0.
                                                                                                                                                                  0.1847987
                                                                                                                                                                                        50. 1
55. 1
60. !
65. 1
70., 1
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                                                                                 0-
                                                               62. 1 0.
67. 1 0.
72. 1 0.
NEW BIAS =
                                                                                                        68.
         LEVEL
                                                                                        -0.08496965
                       LEVEL 2 MS =
                                                             0.01000000
                                                                                  BIAS = -0.08296965
                    . 1 15 0.
1 15 0.
2 15 0.
1 15 0.
                                                           COMP. OUTPUT
2. 2 1.082
                                                                               TPUT CUMP. OUTPUT 1:0829697 0.0 0.
                                                                                                                                       COMP. "UTPUT
0.0 0.
                                                                                                                                                                               COMP. OUTPUT
0.0 (
                                      0.
0.
1.08297
        *** 72 INPUT V1
MINPS=G000G0000012
                                                 INDENTIFICATION CORRECT
NCYCS=0000000000014 INDICT=000000000001
       LEVEL 1 OUT PUT OUT UF RANGE, NEW BIAS - -0.30773838

LEVEL 0.001701 DUT UF P.NGE. NEW BIAS - -0.55928855

CONTROL = 0.00000000003

LEVEL 1 OUT PUT DUT UF RANGE, NEW BIAS - -0.81083871

CONTROL = 0.000000000003

3 BIAS CPANGES
                      LEVEL
0.20000000
                                                                                     BIAS 4
                                                                                                      -0.81083871
                                                                          OUTPUT
0.
0.
                                                                                                                 CUTPLE
                                                                                                                                        COMP.
                                                                                                                                                                                              UUTPUT
                                                                                                                       0.
                                                                                                                                                                                        5.
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15.
20.
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30.
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18. 1
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                                                                               0.7366295
                                                                               0.4434347
0.000
                                                                                                                       0.
0.4099385
0.
0.0227449
0.
0.
0.
0.5386055
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40. 1
45. 1
50. 1
55. 1
60. 1
70. 1
                                                                                                      43. 1
48. 1
53. 1
58. 1
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0.
0.0124220
0.
1.1826247
                                                                              0.
0.7765110
0.
0.
                                                                                                                                                                                                        0.
                                                                                                                                                                                                        0.10/4929
                                                                                                                       0.2328065
                                                                                     -C.97412200
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-2.51505162

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0.010000000 P1AS =
                                                                                                                                                                                                                                                                                                        -2.51505762
                                                     1.2
1.15
2.15
                                                                                                      JUTPUT
                                                                                                                                                                        COMP., OUTPUT CUMP.
2 2 0. U.
                                                                                                                                                                                                                                                                                                                   P. DUTPUT
                                                                                                                                                                                                                                                                                                                                                                                                                  CUMP. CUTPUT
0. 0 0.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMP. OUTPUT
0. 0 0.
                                                                                                       1.0725825
                 SUM NUS
                                                                                                                                             INDENTIFICATION CORRECT
NEVES-0000C0C0U014 IN
                  MINPS+000000000011
                                                                                                                                                                                                                                                                         INDICT=000C000000001
           LEVEL 1 OUTPUT OUT UF RANGE, NEW BIAS = -0.38196200

LEVEL 1 OUTPUT OUT UF RANGE, NEW BIAS = -0.92485471

LEVEL 2 OUTPUT OUT UF RANGE, NEW BIAS = -1.46772742

LEVEL 1 OUTPUT OUT UF RANGE, NEW BIAS = -1.19629107

LEVEL 2 OUTPUT OUT UF RANGE, NEW BIAS = -1.19629107

LEVEL 3 OUTPUT OUT UF RANGE, NEW BIAS = -1.33200924

LEVEL 4 OUTPUT OUT UF RANGE, NEW BIAS = -1.33200924

LEVEL 5 OUTPUT OUT UF RANGE, NEW BIAS = -1.26415016

LEVEL 6 OUTPUT OUT OF RANGE, NEW BIAS = -1.26415016
                                                     LEVEL 1 MS =
                                                                                                                                                                        0.20000000 BIAS = -1.26415016
                                                 COMP.
1. 1
6. 1
11. 1
                                                                                               60 FPU T
0.
0.
0.
                                                                                                                                                                    COMP. OU 22-1 7-1 1 12-1 17-1 1 22-1 1 27-1 37-1 37-1 47-1 52-1 51-1 52-1 51-1 51-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 62-1 1 
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67 25 1
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9. 1

14. 1

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24. 1

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44. 1

54. 1

59. 1
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0.0388875
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                                                     16 g 1
21 · 1
26 g 1
31 c 1
30 · 1
41 g 1
                                                                                                           0.7720066
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23. 1
28. 1
33. 1
38. 1
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O.
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0.
0.
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0.7253634
0.7351133
                                                                                                         0.6247653
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58. 1
63. 1
68. 1
                                                  51. i Co

56c 1 0.

61. 1 Co

66. 1 0c

71. 1 0.

2 UUI JT OUT JF RANGE.
                                                                                                                                                                                                                                    0.0743462
                                                 2 UUI JT OLT JE KANG.
CONTROL=00C00U0U0001
1 BLAS CHANGES
                                                    cfvEL 2 MS =
                                                                                                                                                                 0.01000000 B:AS
                                                                                                                                                                                                                                                                                    -0.09369601
         COMP. OUTPU:
1.2 C.
SUM NO. 1 IS O.
SUM NO. 2 IS 1.09370
                                                                                                                                                                COMP. NUTPUT COMP. CUTPUT 2. 2 1.6936960 0.0 0.
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                                                                                                                                                                                                                                                                                                                                                                                                      COMP. OUTPUT
0.0 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             OUTPUT
        ••• 74 INPUT V2 1 DENTIFICATION CORRECT NCYCS=00000000014 INF
                                                                                                                                                                                                                                                                 INDICT=0000000000001
      LEVEL I MS .
                                                                                                                                                                    . SAIH 00000005.0
                                                                                                                                                                                                                                                                                                ~1.01456970
                                           COMP
                                                                                          OUTPUT
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                                                                                                                                                               COMP.
                                                                                                                                                                                                                                                                                 3 0 1
8 0 1
13 1
                                                                                                                                                                                                             OUTPUT
                                                                                                                                                                                                                                                                                                                                                                                                  CUMP.
                                                                                                                                                                                                                                                                                                                                                                                                                                                      OUTPUT
                                                                                                                                                                                                                            0.
(.
0.1111168
                                                                                                                                                                        2. 1
7. 1
                                                                                                                                                                                                                                                                                                                                                      0.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          0.
0.6947230
                                                                                                                                                                       7. 1
12. 1
17. 1
22. 1
27. 1
32. 1
37. 1
42. 1
47. 1
57. 1
                                                                                                     0.
                                               16. 1
21. 1
26. 1
31. 1
36. 1
41. 1
                                                                                                                                                                                                                                                                                                                                                       C.0918539
O.
O.7643342
                                                                                               0.4404655
0.
0.
0.
0.
0.
                                                                                                                                                                                                                               0.6817482
                                                                                                                                                                                                                                                                                                                                                       0. 1315601
                                                                                                                                                                                                                                                                                                                                                     0.
0.
0.
0.105392н
                                                                                                  0.1595443
                                                                                                                                                                                                                                                                                                                                                                                                                            54. 1
59. 1
0.5691105
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                0.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          0.0967221
                                                                                                                                                                                                                                                                                                                                                   0.
6.
C.
                                                                                                                                                                                                                          (.
(.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         0.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         0.6808722
```

. *

age that

```
LEAET 5 W? *
                                                                                      0.01000000 BIAS =
                                                                                                                                                                                                        COMP. 0
                                                                                                      OUTPUT
                                              COTPUT
                                                                                    COMP.
                                                                                                                                              COMP. UUTPUT
                                                                                                                                                                                                                                 OUTPUT
0 0.
                                                                                                                                                                                                                                                                   COMP. GUTPUT
0. 0 0.
                                                      1.0586141
1.08861
C.
                                                                                                                                                         0. 0
      SUM NO.
     *** 75 .NPUT H3
MINPS=000000000007
                                                                     INDENTIFICATION CORRECT NCYCS=00000000001 INDICT=00000000001
   -1.56004529
                                                                                                                             -1.29247430
                                4 BIAS CHANGES
                          LEVEL 1 MS =
                                                                                     0.20000000 BIAS # -1.29247430
                        CUMP.
                                                OUTPUT
                                                                                                                                                                                                       COMP. (4 4.1 92.1 14.1 9 19.1 24.1 6 29.1
                                                                                                                                                                                                                                            UT COMP. OU
0.5991624 5. 1
0. 10. 1
0. 15. 1
0. 20. 1
                                                                                   COMP.
                                                                                                          OUTPUT
                                                                                                                                                                                                                                OUTPUT
                            1. 1
                                                 0.
0.7298734
0.
0.
                                                                                       2. 1
7. 1
12. 1
17. 1
22. 1
27. 1
32. 1
37. 1
42. 1
47. 1
52. 1
                                                                                                                                                                                0.1046274
                                                                                                                                                                                                                                                                                                           0.
0.8339637
                                                                                                                                                      8. L
                                                                                                                                                                                0.
C.
                          16. 1
21. 1
26. 1
31. 1
36. 1
                                                                                                                                                     18. 1
23. 1
28. 1
33. 1
                                                                                                                  0.
                                                                                                                                                                                 0.5831514
                                                    0.
0.
                                                                                                                                                                                                                                                                                 25. 1
30. 1
35. 1
40. 1
                                                                                                                                                                                 0.
0.1774966
                                                                                                                                                                                                                                              0.0264028
                                                    o.
c.
                                                                                                                                                      30. 1
                                                                                                                                                                                 0.
                                                     0.1835785
                                                                                                                                                                                                                                                                                                            0.8101933
                                                                                                                                                      43. 1
                                                                                                                                                                                                                                                                                                          0.
                                                                                                                                                                                                                                                                                 50. 1
                                                    0.
C.
                                                                                                                                                                                                                                              ٥.
                         60.
65.
70.
                                                                                                                                                                                0.
0.
                                                                                                                                                                                                                                                                                                            0.6328676
                                                                                                                               0.50000000
   1.21681499
                                                                                                                              0.85840750
                              4 BLAS CHANGES
                                                                                   0.01000000 BIAS = 0.85840770
                      COMP, CUTPUT
0.0 0.
                                                                                                                                                                                                                                                                 COMP. OUTPUT
0. 0
   ••• 76 INPUT V3
MINPS=C0G0U0000006
                                                                   INDENTIFICATION CORRECT
NCYCS=000000000014 INC
                                                                                                                                   INDECT=000000000000000
 LEVEL 1 DUTPUT DLT DF HANGE, NEW BIAS =

CONTROL=000000000001

LEVEL 1 DUTPUT OUT UF RANGE, NEW BIAS =

CONTROL=000000000003

LEVEL 1 DUTPUT OUT UF RANGE, NEW BIAS =

CONTROL=00000000003

LEVEL 1 DUTPUT OUT UF RANGE, NEW BIAS =

CONTROL=000000000007

6 BIAS CHANGES
                                                                                                                           -0.13654135
                                                                                                                           -0.48065053
                                                                                                                         -0.39462323
                       LEVEL 1 MS =
                                                                                   0.20000000 BIAS =
                                                                                                                                               -0.39462323
                                                                                                                                                                                                     COMP. (4. 1 9 2 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 14. 1 
                     CU™P.
                                             OUTPUT
                                                                                                        OUTPUT
                                                                                                                                           COMP.
                                                                                                                                                                   OUTPUT
                                                                                                               0.
0.
0.
0.
0.5505735
0.
                                                                                                                                                                                                                             CUTPUT
                                                                                                                                                                                                                                                                COMP.
                                                  0.
                                                                                       2. 1
7. 1
                                                                                                                                                                                                                                                                            5 0 1
10 1
15 1
20 0 1
25 1
                                                                                                                                                                                                                                          0.
0.9821870
0.1478974
                     0.
                                                                                                                                                                                                                                                                                                        0.
0.4802328
                                                                                                                                                                                                                                                                                                         0.
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                                                                                                                                                                                                                                                                              36. 1
35. 1
40. 1
45. 1
50. 1
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                                                                                                                0.6384131
0.
0.
                                                                                                                                                                             v.
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                                                                                                                                                   43. 1
48. 1
53. 1
                                                                                                                                                                                                                                            0.0573027
                                                                                                                                                                                                                                          0.
                                                                                                                                                                                                                69. 1
 LEVEL
 LEVEL
                                                                                                                        -1.49999996
LEVEL
÷3.28462770
                   2 DUTPUT OUT UF RANG
CONTROL = 00000 U000 U07
                                                                                                                        -2.39241359
                           6 BIAS CHANGES
```

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APPEARED THE AT AL PROTECTION OF MEETING A

```
CCMP. "UTPUT COMP.
2. 2 U.
 CUMP. OUTPUT
L= 2 C.9847256
SUM NO. 1 IS 0.76473
SUM NO. 2 IS 0.
                                                                                                                                                                                                                                                                                                               COMP. BUTPUT
0. 0 0.
                                                                                                                                                                                                                                 COMP. OUTPUT
0.0 0.
                                                                                                                                                                                 0. C 0.
                                                                             | INDENTIFICATION | CURRECT | NCYCS=00000000014 | INDICT=000000000001
                                     INPUT H4
   MINºS-000000000005
 LEVEL 1 CUTPUT OLT UF RANGE, NEW BIAS = -0.43928435
 CUNTROL=OCCOUDODOD

LEVEL

CONTROL=OCCOUDODOD

LEVEL

CONTROL=OCCOUDODOD

LEVEL

CONTROL=OCCOUDODOD

LEVEL

CONTROL=OCCOUDODOD

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CONTROL=OCCOCOUDODOD

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CONTROL=OCCOCOUDODOD

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LEVEL

CONTROL=OCCOUDODOD

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CONTROL=OCCOUDDDOD

CONTROL=OCCOUDDD
                                                                                                                                               -1.30358587
                                                                                                                                              -1.39001602
                          LEVEL 1 MS =
                                                                                               0.20000000 BIAS = -1.39001602
                                                                                            COMP. (M) PUT
2. 1 C.
7. 1 O.
12. 1 C.
17. 1 O.
22. 1 O.
27. 1 O.
37. 1 O.
37. 1 O.
47. 1 C.
57. 1 O.
47. 1 C.
57. 1 O.
67. 1 O.
67. 1 O.
68. 1 O.
67. 1 O.
68. 1 O.
67. 1 O.
68. 1 O.
                                                                                                                                                                                                                                        COMP. (
3 4. 1
9. 1
14. 1
19. 1
24. 1
29. 1
34. 1
44. 1
49. 1
59. 1
59. 1
59. 1
                                                                                                                                                                                                                                                                                                               COMP. OU 5. 1
10. 1
15. 1
20. 1
25. 1
30. 1
35. 1
40. 1
45. 1
55. 1
60. 1
                        COMP.
                                                   UUTPUI
                                                                                                                                                                    COPP.
                                                                                                                                                                                                nuteur
                           1. 1
6. 1
11. 1
                                                                                                                                                                            3. i
8. 1
13. i
18. i
23. i
28. i
33. i
38. i
43. i
48. i
53. i
58. i
63. i
68. i
                                                                                                                                                                                                             0.5902853
0.00
0.00
                                                                                                                                                                                                                                                                                                                                                               0.
0.
0.6782664
                                                          0.
                           16.0 1
21.1
25.4
31.1
                                                                                                                                                                                                             0.
0.
                                                                                                                                                                                                                                                                                       0.
                             36. I
41⊕ I
46. I
                                                                                                                                                                                                             0.1078910
                                                                                                                                                                                                                                                                                                                                                               0.7432905
0.1266499
0.
                                                           J. 3893268
0.718-523
                           0.6369320
LEVEL 2 DUFPUT DUE OF NAMES
CONTROL COCCOCOCOCOCO
1 BIAS CHANGES
                           LEVEL 2 MS .
                                                                                                0.01000000 81AS = -0.05947460
                                                                                                                                                                                                                               COMP. 0
                                                                                                                                                                                                                                                                                                              COMP. 00
  COMP. DUTPUT
1. 2 0.
SUM NO. 1 IS 0.
SUM NU. 2 IS 1.05947
                                                                                            COMP. OUTPUT
2. 2 1-059
                                                                                                                                 TPUT COMP.
1-0594746 0.0
                                                                                                                                                                                            OUTPUT
                                                                                                                                                                                                                                                                      CUTPUT
                                                                                                                                                                                                                                                                                                                                           DUTPUT
   ••• 78 INPUT V4
MINPS=0000000000004
                                                                             INDENTIFICATION CORRECT NCYCS=000000000014 INDICT=000000000001
0.06773186
                                                                                                                                              1.19421899
                                                                                                                                                  0.34935363
                                                                                                                                                   0.20854275
                                                                                                                                                0.31415090
                         LEVEL L MS =
                                                                                                0.20000000 HIAS =
                                                                                                                                                                               0.31415090
                                                                                                 UUTPUT
                        COMP.
                                                                                                                                                                                                OUTPUT
                           1. 1
6. 1
11. 1
16. 1
21. 1
                                                                                                                                                                                                                                                                       CUTPUT
                                                                                                                                                                                                           PUI COMP. (
0.2/4839 4.1
0.1432547 9.1
0.60924315 19.1
0.0312256 24.1
0. 34.1
0. 39.1
                                                                                                                                                                                                                                          COMP.
                                                                                                                                                                                                                                                                                                                COMP.
                                                                                                                                                                                                                                                                                                                                            OUTPUT
                                                         0.0974744
0.2521767
0.0181792
0.2518773
                                                                                                                                                                                                                                                                                     0.0443349
0.3879682
0.0890583
0.00890583
                                                                                                                                                                                                                                                                                                                                                               0.
0.2441345
0.1537740
0.1649735
                                                                                                                                                                                                                                                                                                                                20. 1
25. 1
30. 1
35. 1
40. 1
                                                         0.2518773

C. 0.210947

0.0294885

0.05666696

0.1279053

0.0195469

0.

0.1546809

0.
                           260 1
31. 1
36. 1
41. 1
46. 1
510 1
                                                                                                                                                                                                                                                                                                                                                                 0.1289577
                                                                                                                                                                                                                                                                                       0.1660976
                                                                                                                                                                                                             0.1248433
                                                                                                                                                                                                                                                                                       0.063048
                                                                                                                                                                                                                                                                                                                                                                0.1299187
0.2319957
                                                                                                                                                                                                                                                                                     0.
0.
0.
0.
0.
0.
0.
0.196?578
                                                                                                                                                                                                             0.
                                                                                                                                                                                                                                                                                                                                                                0.
0.
0.0361442
```

MS = 0.010(1000 BIAS = -2.39241359

1 to 1

```
LEVEL 2 MS .
                                                     0.01000000 BIAS = -0.37660661
    COMP. OUTPUT
1. 2 C.
SUM NO. 1 IS O.
SUM NO. 2 IS 1.00000
                                                    2. 2 001PUT
                                                                        TPUT COMPS CUTPUT
                                                                                                                              CLMP. CUIPLT
                                                                                                                                                                    COMPS (UIPUT
                      INPUT HS
                                           INFNTIFICATION INCORRECT:
NCYCS=000000000013 INDIC
   MIN -5-0000000000004
                                                                                    INDICT=0000000000101
  0.20833330
                                                                                4.57483953
                                                                               2.39158642
                                                                                0.75414659
                                                                                0.48123996
  CONTROL=00C00000007

LEVEL 0UTPUT DLT OF RANGE, NEW BIAS =

CONTROL=00C00000007

LEVEL 1 DUTPUT DUT OF RANGE, NEW BIAS =

CONTROL=00C00000007

9 BIAS CHANGES
                                                                            0.41301329
               LEVEL 1 MS m
                                                    0.20000000 FIAS = 0.41301329
                                0.1619981 2.1 0.092
0.1822764 7.1 0.
0.0932380 12.1
              COMP
                            Oliveill
                                                                                                             PUT COMP. CUTPUT

0.154847 40 1 0.

0.1294027 9. 1 0.

0.0309944 14. 1 0.

0.0893246 19. 1 0.

0.1477161 24. 1 0.

0. 29. 1 0.

0. 34. 1 0.

6. 39. 1 0.
                                                                                                                                                    OUT COMP. CUTPUT

0.1365747 5. 1 0

0.2662513 1C., 1 C

0.0993840 15., 1 0

0. 20. 1 0

0.0421508 25., 1 0

0.01421508 35., 1 0

0.1587213 35., 1 0

0. 40., 1 0

0.0765266 45. 1 0

0.1612554 50., 1 0

0.0767294 6C., 1 0
                                                                                        COMP.
               1. i
6. l
11. i
16. i
21. 1
                                                                      0.0921058

0.0921058

0.0922145

0.1488866

0.

0.
                                                                                                        OUTPUT
                                                                                          3. 1
6. 1
13. 1
10. 1
23. 1
28. 1
33. 1
38. 1
43. 1
58. 1
68. 1
68. 1
                                                                                                                                                                                            0.
0.13#3988
0.0577970
0.0425094
0.1247454
              0.1192003
0.
0.042505a
                                                                       0.0985577
0.0579886
C.1270191
0.0936832
                                                                                                                                     39. 1
44. 1
                                                                                                               0.
0.1344922
                                                                                                                                                                                             0.191135F
                                                                                                                                     49. 1
54. 1
59. 1
64. 1
                                                                                                               C.1099507
                                                                                                                                                                                            0.0597635
                                                                                                                                                      0.
0.0767294
                                                                                                                                                                                            6-1012794
                                                                       0.
                                                                                                                                                                                            n.
n.131/294
                                                                       0-1333456
                                                                                                                                                      0.1434976
                                                                                                              0.
 LEVEL
 LEVEL 2 MS =
                                                  0.01000000 HIAS = 0.58404915
 COMP. OUTPUT COMP. OUTPUT (1909.

1. 2 0.2210455 2. 2 0.7321591 0.5
SUM NO. 1 IS 0.22109
SUM NO. 2 IS 0.73216
                                                                                                                    COMP
                                                                                                                                           CUTPUT
                                                                                                                                                           COMP. OUTPUT
C. O
                                                                                                                                     ັດ. ບັ
                   INPUT H5
                                         IDENTIFICATION INCORRECT:
NCYCS=000000000012 INC'C
 MINPS=00000000000004
                                                                                 INC: CT + GC 0 0 0 0 0 0 0 0 0 1
LEVEL 1 OUTPUT OUT UF RANGE, NEW BIAS = CONTROL *00C000000001

LEVEL 1 OUTPUT OUT OF NANGE, NEW BIAS = CONTROL *00C000000001

LEVEL 1 OUTPUT OUT OF RANGE, NEW BIAS = CONTROL *00000000001

3 BIAS CHANGES
                                                                            0.06944443
                                                                           0.20833330
             LEVEL 1 MS -
                                                   0.20000000 BIAS .
                                                                                            0.48611103
                                                                                                                                         UUTPUT
                                                                     FPUT COMP.
0.0901064 3.1
0. 8.1
0.0849726 13.1
                                                COMP.
                                                                OUTPUT
                                                                                                    JUTPUT
             1. 1
60 1
11. 1
16. 1
21. 1
26. 1
31. 1
                                                   2. 1
7. 1
12. 1
17. 1
22. 1
                                                                                                                           COMP.
                              0.2253434
0.0781354
C.0699037
0.0803073
                                                                                                            0.0610732
0.0610732
0.0981091
0.0361446
0.0875198
0.1050167
                                                                                                                               0.
0.0489]41
0.0494594
0.0800747
                                                                                          13. 1
18. 1
23. 1
28. 7
33. 1
38. 1
43. 1
48. 1
53. 1
                                                                      0.1506328
                                                                     0.1506328

0.

0.

0.1019301

0.0486806
                              0.
0.1328659
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32 · 1
37 6 1
42 · 1
47 · 1
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                              0.0481138
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                              0.
0.0807045
0.0899465
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0.0959942
0.0573403
0.0889145
             46. 1
51. 1
56. 1
                                                                      0.1087520
                                                                                                                                 49 3 1
54 4 1
59 1
64 1
69 1
                                                                                                             0.
0.0672673
                              0.0600520
                                                                     0.0736888
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n.0971555
                                                                                                            0.
             6121
                              0.1895072
                                                                                                                                                                         60. 1
65. 1
                                                                                                                                                                                          0.
0.0854725
                                                                                                            0.0843020
                                                                                            63. 1
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THE REPORT OF ţ. *

1834 Ĵ.

ż

C. 3918211

C.0936624

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LEVEL 2 CUIPUT OUT OF MANGE? MEN BIAS =

CONTROL=COCCOUCOUCUI
LEVEL 2 CUIPUT OUT OF RANGE, NEW BIAS =

CONTROL=COCCOUCOUCUI
2 CUIPUT OUT OF RANGE, NEW BIAS =

CONTROL=COCCOUCOUCUI
3 BIAS CHANGES
                                                                                        0.50000000
                                                                                       1.11618145
                                                                                        0.80809073
                    LEVEL 2 MS &
                                                         0.01000000 BIAS =
                                                                                                   0.80869073
      COMP. UUTPUT

1 2 C.6118532

SUM NU. 1 IS G.61185

SUM NU. 2 IS 0.45228
                                                        COMP., CUTPUT
2 0 0.45
                                                                                                                                                                              €()MP. U(
                                                                             JTPUT CUMP. CUTFUT
C.4522841 0.0 0.
                                                                                                                                       COMP. OUTPUT
0.0 0.
                                                                                                                                                                                               0 0.
                                                INDENTIFICATION CORRECT
YCYCS=0000000000014 INDICT=000C0C000001
     *** 81 INPUT H5 MINPS=CCOncocococo
    -0.39626865
                                                                                    -1.41008262
                                                                                    -1.15662913
                  LEVEL 1 #5 -
                                                         0.20000000 BIAS = -1.15662413
                                CUTPUT

C.

O.

C.
                 CUMP
                                                                                                                                     COMP. (
4. 1
5. 9. 1
14. 1
19. 1
24. 1
29. 1
34. 1
39. 1
44. 1
54. 1
55. 1
64. 1
69. 1
0, 0
                                                        COMP.
                                                                       OUTPUT
                                                                                              3. 1
8. 1
13. 1
                                                         2. 1
7. 1
12. 1
17. 1
22. 1
27. 1
                                                                                                                                                      CUTPUT 0.
                  10 1
6. 1
110 1
16. 1
21. 1
26. 1
31. 1
36. 1
41. 1
46. 1
                                                                            0.5940373
0.
C.
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0.4144495
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0.
                                                                                                   18. 1
23. 1
28. 1
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43. 1
48. 1
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68. 1
                                    0.
C.6403726
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25. 1
30. 1
35. 1
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0.
0.8040109
0.8545938
0.
                  31. 1 C. 32. 1 C. 33.
36. 1 O. 37. 1 O. 38.
41. 1 O. 42. 1 O. 43.
46. 1 C. 47. 1 O. 48.
51. 1 O. 52. 1 C. 53.
56. 1 C. 57. 1 O. 58.
61. 1 C. 62. 1 J. 63.
66. 1 C. 67. 1 C.6253446 GR.
71. 1 O. 77. 1 O. 6253446 GR.
71. 1 O. 77. 1 O. 625349 GR.
71. 1 O. 77. 1 O. 625349 GR.
71. 1 O. 70.
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0.
0.9225735
0.0181256
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41.
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55. 1
60. 1
65. 1
70. 1
                                                                                                                     0.2539579
                                                                                                                                                                                                        0.0857423
                                                                                                                     U.
  LEVEL 2 PUTPUT OLT OF RANGE, NEW BLAS = CONTROL **OCCUBOODOOO1
LEVEL 2 DUIPUT OLT OF RANGE, NEW BLAS =
                                                                                 -1.07411356
                    2 BIAS CHANGES
                 LEVEL 2 MS =
                                                      C.01000000 BIAS = -1.07411356
  COMP. UUTPUT
1.0 2 0.
SUM NC. 1 IS 0.
SUN NG. 2 IS 0.96039
                                                     CUMP. OUTPUT CUMP.
2. 2 0.9603863 0. C
                                                                                                                                   CUMP. OUTPUT
0. C 0.
                                                                                                           OUTPUT
                                                                                                                                                                           COMP. OUTPUT 0. 0 0.
  *** #2 INPUT V5
                                            INDENTIFICATION CORRECT
NLYCS=000000000014 INDICT*00000000001
 LEVEL 1 GUTPUT OLT OF RANGE, NEW BIAS = -0.02104196

LEVEL 1 OUTPUT OUT OF RANGE, NEW BIAS = -0.06272620

** CONTROL=OCCOURODOOO3
2 BIAS CHANGES
               LEVEL
                                                      0.20000000 BIAS .
                                                                                               -0.06272620
             CHPP.
1. 1
                             TUSTUU
                                                                    O.0948612
                                                                                                                                   COMPs 00

5.1

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15.2

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23.3

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46.1

50.1
                                                                                                            OUTPUT
                                0.0170208
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23. 1
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0.5173701
               6. 1
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0.1386222
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0.1465889
0.1259010
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0.0948165
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41. 1
                                                      0.2647223
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                                0.1504250
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69. 1
                                                       NEW BIAS = 0.26411764
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N. Medicin > . .

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0.01000000 BIAS -
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0. 0 0.
                                                                                                                                                                                              LOMP.
2. 2
                                                                                                                                                                                                                                                     QUTPUT
                                                                                                                        1.0000000
1.00000
         SUM NO.
                                                                                                                                                                INDENTIFICATION CORRECT NCYCS=000000000014
      *** 83 INPUT H6
MINPS=00000000001
                                                                                                                                                                                                                                                                                                                        INDICT=000C00000061
                                                       1 OUTPUT OUT OF RANGE, NEW BIAS = CONTROL=000000000001
1 OUTPUT OUT OF RANGE, NEW BIAS =
                                                                                                                                                                                                                                                                                                     -0.47922647
                                                                                                                                                                                                                                                                                                     -1.11203447
                                                       CONTROL -00 C0000000003
  •• CONTROL=00C00000003

LEVEL 1 OUTPUT OUT UF RANGE, NEW BIAS =

CONTROL=00C000000003

LEVEL 1 OUTPUT OUT OF RANGE, NEW BIAS =

CONTROL=00C000000007

LEVEL 1 OUTPUT OUT OF RANGE, NEW BIAS =

CONTROL=00C000000007

LEVEL 1 OUTPUT OUT OF RANGE, NEW BIAS =

CONTROL=00C000000007

LEVEL 1 OUTPUT OUT OF RANGE, NEW BIAS =

CONTROL=00C0000000007

7 BIAS CHANGES
                                                                                                                                                                                                                                                                                                       -1.34933747
                                                                                                                                                                                                                                                                                                     -1.30978698
                                                       LEVEL
                                                                                                  1
                                                                                                                                           MS =
                                                                                                                                                                                                    0.20000000
                                                                                                                                                                                                                                                                                              BIAS = -1.30978698
                                                                                                                                                                                               COMP.
2. 1
7. 1
12. 1
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6. l
11. l
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0.2700198
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35 % 1
40 % 1
45 % 1
50 % 1
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42. 1
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62. 1
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65.
70.
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     FEAEF
                                                     -0.4999999

CONTROL=000000000001

2 OUTPUT OLT UF KANGE, NEW BIAS = -1.73254769

CONTROL=00000000003

2 OUTPUT OUT UF RANGE, NEW BIAS = -1.11627384

CONTROL=000000000007

3 BIAS CHANGES
   reaer
reaer
                                                        LEVEL 2
                                                                                                                                                                                                                                                                                                                                           -1-11627584
                                                                                                                                                                                                    0.01000000
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1.0951338 0, 0 0.
                                                                                                                                                                                            COMP. OUTPUT
2. 2 1.09513
                                                COMP.
                                                                                                          OUTPUT
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G. O O.
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0.0 0.
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1 · IS
2 · IS
                                                                                                                      0.
     SUM NO.
                                                                                                                    1.09513
     *** 84 INPUT V6
MINPS=00000000014
                                                                                                                                                          INDENTIFICATION CURRECT NCYCS=00000000014 INDICT=000000000001
  LEVEL
                                                LEVEL
                                                 1 DUTPUT DUT DE RANGE, NEW BLAS -
CONTROL -ODCOUDODOOO3
1 DUTPUT DUT UF RANGE, NEW BLAS -
CONTROL -ODCOUDODOOO3
1 DUTPUT OUT UF RANGE, NEW BLAS -
CUNTROL -ODCOUDODOOO7
  reaer
Feaer
                                                                                                                                                                                                                                                                                                 -1.03778519
                                                                    5 BIAS CHANGES
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                                                     LFVEL
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                                                CUMP.
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  LEVEL
                                                 2 OUTPUT GUT UF RANGE, NEW BIAS = CONTROL = UOCCUODOCOOL
2 OUTPUT DUT UF RANGE, NEW BIAS = CONTROL = COCCUODOCOOL
2 OUTPUT OL) UF RANGE, NEW BIAS = CONTROL = COCCUODOCOCC
4 DITPUT DUT UF RANGE, NEW BIAS = CONTROL = COCCUODOCOCC
6 BIAS CHANGES
 LEVEL
                                                                                                                                                                                                                                                                                                 -1.49911936
 LEVEL
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CUMP.
1. 2
1 IS
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                                                                  UUTPUT
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                *** 85 INPUT HE MENPS=0000000013
                                                                                          INDENTIFICATION CORRECT
NCYCS=000000000014 IN
                                                                                                                                                                      140101-000000000001
           -0.39340509
                                                                                                                                                             -1.56125818
                                                                                                                                                           -1.36669934
                                     LEVEL I MS =
                                                                                                          0.20000000
                                                                                                                                                     BIAS =
                                                                                                                                                                                    -1.46397875
                                  CUMP.
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71. 1 0. 72. 1 0.
2 0UTPUT ULT DE RANGE, NEW BIAS 2

CONTROL=000000000001

LEVEL 2 0UTPUT ULT DE RANGE, NEW BIAS 2

** CONTROL=00.000000003
2 BIAS CHANGES
                                                                                                                                            0.
                                                                                                                                                                                                                                                                                                                                       60.
65.
70.
                                                                                                                                                       -0.26642914
                                  LEVEL 2
                                                                                                        0.01000000
                                                                                                                                            BTAS = -0.20642914
                               CUMP.
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          SUM NO.
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          SUM NO.
         ### 86 INPUT VI
                                                                                   1 OUTPUT OUT OF RANGE, NEW BIAS .
     -0.32393017
                                                                                                                                                    -0.9797568H
                              LFVEL L
                                                                   MS =
                                                                                                   0.20000000
                                                                                                                                                BIAS .
                                                                                                                                                                               -0.9797568A
                            COMP.
                                                         OUTPUT
                                                                                                 COMP.
                              DUTPUT
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27. 1
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                                                                                                                                                -3.42942222
                                                                                                                                                -2.01878777
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1 1 1

2 MS =

0.01000000 BIAS =

-2.49999991

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0.01000000 81AS = -2.54796320
                            OUTPUT
0.927492/
0.92749
0.
                                                 COMP. GUTPU:
              COMP.
                                                                                     COPP. CUTPUT
0. 0 0.
                                                                                                                         COMP. OUTPUT
                                                                                                                                                             COPP. OUTPUT
                 1. 2
1 IS
2 IS
   *** 87 INPUT H
                                         INPUT H2
  -0.38478516
                                                                           -0.97907306
-1.57336096
                                                                          -1.35050300
                                                  0.20000000 BIAS = -1.35050300
                                                                                                                        COMP.
4. 1
9. 1
4. 1
              COMP.
                            OUTPUT
                                                 COMP.
                                                                OUTPUT
                                                                                     COMP.
                                                                                                    CUTPUT
                1. 1
6. 1
11. 1
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                                                      2. 1
7. 1
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                               0.7533047
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                                                                                                                                               0.6316598
                                                                                                          0.2118257
                31.
                                0.
                                0.6072162
                                                                                                          0.6098070
               71. 1 C.
2 DUTPUT OLT UF RANGE,
CONTROL=000000000001
  LEVEL 2 DUTPUT OUT OF RANGE, NEW BIAS = -0.70397493
-0.70397493
2 BEAS CHANGES
                                                  0.01000000 BIAS = -0.70397493
                                                COMP. OUTPUT COMP. DUTPUT
2. 2 1.0000000 0. 0 C.
                          UUTPUT
             COMP.
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0.0 0.
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2 IS
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1.00000
  SUM NO.
SUM NU.
  *** BR INPUT V2
                                      INDENTIFICATION CORRECT
NCYCS=000000000014 INDICT=000000000001
                    INPUT V2
LEVEL 1 DUTPUT DUT OF RANGE, NEW BIAS = CONTROL=00C000000001
LEVEL 0 UTPUT DUT OF RANGE, NEW BIAS = CONTROL=000000000003
LEVEL 1 DUTPUT DUT OF RANGE, NEW BIAS = CONTROL=00C000000003
LEVEL 1 DUTPUT DUT OF RANGE, NEW BIAS = CONTROL=000000000007
LEVEL 1 DUTPUT DUT OF RANGE, NEW BIAS = CONTROL=0000000000007
LEVEL 1 DUTPUT OUT OF RANGE, NEW BIAS = CONTROL=0000000000007
LEVEL 0 UTPUT OUT OF RANGE, NEW BIAS = CONTROL=00000000000007
LEVEL 0 UTPUT OUT OF RANGE, NEW BIAS = CONTROL=00000000000007
LEVEL 0 UTPUT OUT OF RANGE, NEW BIAS = CONTROL=00000000000007
LEVEL 0 UTPUT OUT OF RANGE, NEW BIAS = CONTROL=00000000000007
                                                                          -0.92688850
                                                                         -1.01554157
              LEVEL 1 MS =
                                                  0.20000000
                                                                         atas =
                                                                                      -1.05986810
             1. 1
6. 1
11. 1
                                                 COMP.
2. 1
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                            104100
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53. 1
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C.0482034
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0.6539315
0.
              J.0126000
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-2.49999991
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*

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1

প্রকাশের ১,১৯৮,৮৮ – ১

4.5

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LEVEL 2 MS =
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                               COPP 🧓
                                                      HUTPUT
                                                                                               CUMP. NUTPUT
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2 15
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                                                                                *** 89 [NPJT H3
       LEVEL 1 PS .
                                                                                               0.20000000 BIAS =
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                            CUMP.
                                                      UUTPJT
                                                                                            COMP.
2. 1
7. 1
12. 1
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                                                                                                                                                               CUMP.
                               1. 1
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1 0.5
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                                  0.7209149
LEVEL ...
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                                                                                                                                         38.13957787
                                                                                                                                         19.31978893
                                                                                                                                           2.85247168
                                                                                                                                           1.67623687
                                                                                                                                           1.08811846
                                                                                                                                           0.79405426
                        2 OUTPUT OLT OF RANGE, NEW BIAS = CONTROL=0000000007
                                                                                                                                         1.01460364
                             13 BLAS CHANGES
                         LEVEL 2 MS =
                                                                                      0.0100CC00 BIAS # 1.01460364
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SUM NO. 1 15 0.5174

SUM NO. 2 15 0.4857
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                                                                                                                        JTPUT CUMP. OUTPUT
0.4857585 0. C 0€
                                                                                                                                                                                                                                                                                           CUTPUT
  ••• 90 INPUT V3
                                                                IDENTIFICATION INCORRECT.
    NEW G-HITGHTS FROM RESULT OF INPUT 90
                        COMPONENT 1, 1 G-WEIGHTS
                                      0.49572754
                                                                                                            0.51789356
0.50106412
-0.50031553
0.48866272
0.48866272
                                   0.44574240
-0.44574240
-0.50091553
-0.50091553
0.44466272
-0.50749207
                                                                                                                                                                                     0.50227356
                                                                                                                                                                                                                                                         0.49574280
-0.50091553
-0.50092553
0.49866272
0.51884460
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-0.50091553
-0.50091553
0.51884460
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-0.49334717
0.48866277
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                                                                                                             0.5024420
                                                                                                                                                                                    -0.50749267
                                                                                                                                                                                                                                                            -0.47732544
                       COMPLNENT 20 1 G-MEIGHTS
                                   0.94175720
0.25927734
-0.73298645
-0.32995605
0.45777873
                                                                                                                                                                                 0.394C5823
0.97C84045
-0.25378418
0.79(19165
0.31576538
-0.48139754
                                                                                                                                                                                                                                                         0.53398132
-0.73248251
-0.57659912
0.76808167
0.30356887
-0.48147583
                                                                                                             0.29377747
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0.31477356

-0.68981334

0.13(90515

0.47003174

-6.66661377
                                                                                                                                                                                                                                                                                                                                   0.29148865
                                                                                                                                                                                                                                                                                                                                 0.29148865
-0.09651184
-0.58784485
0.76361084
-C.40899658
-0.75715637
                                   -0.46661377
```

COMPUNENT	3. 1	G-WEIGHTS			
0.5477	1423	0.52342224	C.41137695	0.52380535	
0.5450		0.63981628	0.46151733	0.52380333	C.34741211 -0.59771729
-0.4717 -0.5337		÷ 0.46395874	-0.63740540	-0.87307739	-0.46711731
0-4488		0. 0.93890381	0.93627430 0.17320251	0.88073730	C+31192017
-0.9413		-0.34049988	-0.39315796	0.3100R911 -0.25331116	-0.34049988 -0.34049988
-0.3931	5796	-C.99748230	0.	0.	0.
COMPONENT	4. 1	G-ME IGHTS			
0.5763		0.45756531	0.47048950	C.51100159	
0.5000		0.48883057	0.5166165?	-0.55284117	0.47900391 -0.26577595
-0.55579 -0.5419		-0.55654907 0.56149292	-0.60617065	-0.36526489	-0.55548096
0.31671		0.53385925	0.57543745 0.54782104	0.58076477 0.53805542	0.34579468
-0.46594		-0.46173096	-0.68162537	-0.71069336	-0.31542969 -0.45195007
-0.44665	-	-0.46594238	0.	0.	0.
	5. 1	G-WEIGHTS			
0.42193 0.42021		0.42021179 0.62593079	0.43431091	0.44500732	0.78868103
-0.56488		-0.40519714	0.44367981 -0.59127808	-0.49934367 -0.59147644	-0.53060913
-0.30192		0.79998779	0.79998779	0.	-0.51524353 0.
0.79996 -0.57424		0.79998779 0.	0.79998779	0.	-0.43460083
-0.66015		-0.66075134	-0.66075134 0.	-0.43460083 0.	-0.57424927
COMPONENT	6. 1	G-WE1GHTS		V •	0.
0.47978	210	0.43490601	0.10/631/6		
0.46582	2031	0.43490601	0.38452148 0.19587708	0.67176819 -0.46739197	0.72918701
-0.42154		-0.25367737	-0.55992126	-0.47964478	-0.70935059 -0.67872620
-0.42968 1.00000		0.62254333 0.19044495	1.00000000	0.19044495	0-46253967
-0.59365		-0.67727661	C-07145691 -0-35050964	0.46253967	0.
-0.97348	1022	-0.13407898	0.	-0.59365845 0.	-0.67727661 0.
COMPONENT	7. 1	G-WEIGHTS			••
1.00000	0000	0.74632263	0.61985779	A 20012125	
0.4104	944	0.30165100	0.30226135	0.30963135 -0.61235046	0.31919592 0.
-0.61502 -0.61187		-0.61399841	-0.61595154	-0.61624146	-0.31454468
0.69110		0.65472412 0.65283203	0.65510559	0.69110107	0.65510559
-0.51382		-0.50358582	-0.50149536	0. -0.50109863	-0.46145630 -0.51382446
-0.50358	1582	-0.50109863	0 🚓	0.	0.
	8. l	G-WEIGHTS			
0.41093 0.62779		0.38583374	0.50912476	0.41429138	0.42123413
-0.59513		0.80494690 -0.57350159	0.42582703 -0.57238770	-0.51490784	-0.32489014
-0.51289	368	0.54763794	0.4490/0	-0.28405762 0.56622314	-0.62217712 0.78088379
0.54763 -0.60372		0.56622314	0.333674	0.20863342	-0.50231934
-0.38841		-0.51043701 1-0.51043701	-0.50231 ·	-0.60372925 0.	-0.37855530
COMPONENT		C MI I CHEC		3.	ν.
	9., 1	G-WEIGHTS			
0.43899		0./0932007	0.91(505	0.39962769	0.46961975
-0.48869		0.18667603 -0.40940857	0.50/ 1414 -0.57/ 7815	-0.57423401	-0.14486694
-0.56629	944	0.95422363	0.04 2058	-0.63809204 0.09106445	-0.60389709 0.95422363
0.091C6 -0.90827		0-80488586	0.(36445	0.92170715	-0.03056335
-0.52273	: : -	-0.52273560 -0.52273560	-0-1766204# 0-	-0.79350281 0.	-0.52273560
COMPONENT 1	0. 1		••	0.	0.
0.67359				_	
0.73780	923	0.11657715 0.08830261	1.00000000 0.18299866	0.20068359 -0.55653381	1.00000000
-0.55560		-0.59095764	-0.25991821	-0.47494507	-0.31567383
~0.54300; 0.	232	1.00000000	1.00(00000	0.	0.
-0.93840	027	1.0000000 -0.55558777	1.00000000 -0.55123901	0. 0.	-0.55556777
-0.55556	171	-0.55123901	0.	0.	-0.29231762 0.
COMPUNENT 1	1., 1	C-MF 1 CH T 2			
0.3F7710		0.37635803	0.37492371	0.31814575	0.37443542
0.34545		1.00000000	0.82293701	-0.56375122	-0.59260559
-0.568750 -0.578170		-0.57273968 0.60157776	-0.56742859 0.60157776	-0.55647278 0.57403564	0.
0.60157	116	0.52357483	0.49601746	0.57403564	0.60157776
-0.54441: -0.54441:		-0.57568359	-0.49211121	-0.46083069	-0.46083069
COMPLINENT 1		-0.460H3069	0.	0 -;	0.
0.385498		0.40046692 0.39703369	0.3H102727 0.3H70371H	0.65147400	1.00000000
-0.695438	511	-0.71188354	-0.71424866	0.34483337	-0.21075439 -0.69110107
-0.631210		0.25.885010	0.	0.75885010	0.52844238
0.662676		0.75885010 ~0.64088440	0.62966919 +0.5030 650	0.66707886	-0.39192200
	-	₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩	. U. A. V. J. (1911)	-0.39192200	-0.50303650

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*3.646884-S	97+39192206			
COMPLMENT 15, 1		c.,	1.	
	S-METGHTS			٤.
7.34859558 7.56958008	6.43e370#4	A 44.000.		
~0.4433135n	5-45001221	0,454C7164 6,559 9 6461	5.57931519	0.56211853
-0.46460369	-0.53501692 0.1927642g	-0.45216370	-0.54515076 -0.46234131	-0.47946167
0.62094v61 -0.70539856	2.92651367	0-92651367 0-47387645	0.47387675	-0.59791565 C+19276628
~0.75151062	+3.9759 8 267 +4.25151382	-C.55eC444;	0.19276428 -4.27606201	-0-27606201
COMPUNENT 14. 1	G-delights	4.	3.	-C. 70539856
	0-2010013			••
53652954 0-467 4 6599	3-39472062	C-664C1563		
0.55209351	2-47560120 -3-37725630	0.48490906	G.4 09090 69 -7-51 0966 67	0.48492432
-D.53284745 D.72431946	0-20597839	-0.53#36[[[0.	-3.45954895	-0.54953003 -0.47128296
-6.54074097	0-63311766 -3-37185669	0-92411204	6.A9892752 6.44964630	0.86395284
-3.37185669	-3.37145669	-C.371 8566 9	-9-71091705	-0.71212769 -0.54674697
COMPUNENT 15. 1	G-#E1GHTS		٥.	0.
J. 346054G8				
0.31343077	0-31e52722 0-91613770	0-54063416	C BASS To be	
-0.566 58 936 -0.47135925	-0.53437805	C-33301653	6.88557434 -0.32502747	C-34580994
2.75697327	G.	-C.50949097 0-48818970	-0.53999324	-0.5220 9 473 -0.53102112
-3.44958498	7.67472839 -0-64090811	C. + P418977	G-62852124 -10166431	0.04221313
-0.64080811	-C.49891663	-C-49891663 C-	-0.35464980	-0-45645142 -0-44938494
COM. NENT 16. 1 C	-welchts		s.	0.
1.00000000				
0.35231318	0.4256591 8 0.51589366	U-4442443#	6.53779602	
0. -3.58865356	-0.53143311	0.47740173 -0.61436462	-7-57078552	C.2466735# -0.55479431
0.66319514	0.60319519 0.5546 87 50	C-55468750	-0.53437805 0.61396790	-0-60554504
-0.6757 81 25 -3.40548706	10.45.38928	C.73057556 -0.40931762	c.	n.339630[3 -0.4583#929
	- J. 45638928	c.	-0.4583 842 *	-C.47570125
COMPUNENT 17. 1 G	-at 1 GHTS		,	C.
0.55549622	0.50607360			
0.47586223 -0.48011740	0.44134521	0.46C12878 0.53C62434	0-51531982	0.51531982
-0.48538201	-0-49577332 0-0400#4#4	-C-56932058	-0.55155945 -C.4421 8 445	-0.47956849
0.9644920j -J.36347461	0.96449ZBC	0.47677612 C-04008484	0-54008484	-C-49604797
-3.43624878	-0-0087 89 06 -0-58018494	-0.56.19494	0.73217773 -0.37072754	C.74179C77 -C.58018494
COMPUNENT 18-1 G-		c.	6.	-C.58C18494
	#EIGHTS			٠.
0.43995667 0.53100566	0.39457763	0.52827454		
-0.36659241	0.52175903 -0.27511597	0.50752759	C-53189087	0.54496765
-C.56947881 3.13998413	0-81124878	-0-55857849	-0.54031372 -0.54191599	-0.54,1071s
-0.43955944	0.25386047 -0.47946167	C-73428345 0-27267947	0.82493591	-0-66636902 0-76486206
-0.43955794	-0.47946167	-C.19574524 0.	0-14871521 -0-26948547	-0.77488708
		v.	c.	-0.93179321 0.
CHAPCHENT 19-1 G-	*EIGHTS			
0.43978522	0.44743347			
0.38879395	0.43115234	0.40435791	0.41 66357	
-0.50567627 -0.51486206	-0-47689819 0-22799683	0-768C8167 -0-49395752	-0.54304504	0.70266724 -0.48838806
0.53240367	0-69535828	0-86212158	-0.47792053 J.86212159	-0-49925232
-7.67757852	-0.71057179	0-19720459 -0-70878691	0.22799683	0.39477539 -0.54031372
COMPONENT TO	-0.54631372	0.	-0.54031372	-0.21057129
	FIGHTS			0.
0.500C4578 0.58COOL83	6. +93896+8	0 4043444		
-0.16206256	0.543975#3 -0.52313232	0.49E36731 0.30511475	0.50275836	0.57630920
-0.57258606	0.05295410	-0. +6051025	-0-52293396 -0-62092590	-0.57630920
0-64320374 -0-449(8142	9.57:67761	0.5756073C 0.24986572	0.57560730	-C.56155396 0.30964661
-0.63167306	-0.72326660 -0.37934875	-0-45607417	0.37039185 -0.45602417	-0.45602417
CTIMPONENT 21. I G-ME	TGHTS	0.	0.	-0.44905147 0.
0.28929138 0.50389049	0.84622192	0.29217529	_	
~J.55847169	0.349060C6 -0.59120178	0.30482483	0.41452026 -0.60084534	1.00000000
-3.55564880 0.	1.0000000	-0.54579163 1.00000000	0.	-0.60084534 -C.54714966
-0.69723511	0. -0.697235[]	1.0000000	1.00000000	າ.
-0.61642456	-0.63723711	-0.67544555 0.	0.	-0.61642456 0.
COMPONENT 22. 1 G-ME	IGHTS		٥.	0.
0.44285583	A \$2			
0.32284548	0.52442932 0.23751831	0-23751851	C-23751831	
-0.576690+7 -0.5765936;	ა.	0,9712696# -0.51669061	-1 -55541992	1.00000000
2.	0.24758911 0.17292786	C+92738342	-0.57531736 0.92738342	-0-56243896 -0-57669967
-3.17464/44 -3.17464/44	-0.77464244	0.42/38347 -0.126/5476	·-36132813	0.43597417
· · · · · · · · · · · · · · · · · · ·	=0.77444294	0.		-0.77464294
			11 3	0.0

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COMPONENT 23. 1	G-wEIGHTS			
0.46112061 0.468C6335	0.45562744 0.47010603	0 466 64429 G .48182 678	0.74292837	0.41373535
-9.49041748	-0.43855286	-0. 5996104	-0.51171875 -0.51760864	-0.43643188 -0.46815918
-0.55711365	0.57701111	0.57761111	0.77603149	0.66552734
0,50146484 -0,47564697	0.26957703 -0.48387146	0.3:194824	0.26138306 -0.48387146	-0.55941777
-0.48387146	-0.54543223	0.	0.	-0.48387146 0.
COMPONENT 24. 1	G-WEIGHTS			
0-44789124	0.64675903	0.60646057	0.12187195	0.65429688
0.57199097	0. '439575	0.47627258	0.	-0.61936951
-0.31049316 3.73546545	-0.58227539	-0.66191101 0.7460628	-0.50549316 0.42109680	-0.51394653 0.38476563
0.79666628	0.79606628	0.47!09680	0.38476563	-0.42871094
-0.38127136 -0.38127136	-0.38642883 -0.38642883	-0.80355835 0.	-0.80355835	-0.42871094 0.
COMPONENT 25. 1		•	••	V•
COMPONENT 25. 1				
0.45523071	0.4787445L 0.46844482	0.49287415 0.48966980	0.44958496 -0.55984497	0.48052979
-0.590C1160	-0.53343201	-0.31654358	-0.37908936	-0.43151855 -0.57820129
-0.61131287 0.71931458	0.71931458 0.47390747	0.56336975	0.47390747	0.43142700
-0.47947693	-0.36596680	0.30435669 -0.61141968	0.30935669 =(.65385437	-0.52189636 -0.36596680
-0.52189636	-0-47947693	0.	9.	0.
COMPONENT 26. 1	G-WEIGHTS			
0.49948120	2.49191284	0.46485901	0.49531555	0.60215759
0.43685913 -0.44869995	0.48025513 -0.52549744	0.52911377	-0.51856995	-0.49922180
-0.51760664	0.48768616	-0.58001709 0.54397583	-0.52438354 0.67094421	-0.38597107 0.59472656
0.48768616	0.54397583	0.67094421	0.	-0.51712036
-0.51712036 -0.51712036	-0.36857605 -0.3857605	-0.46273804 0.	-0.67143250	-0.57725525
COMPONENT 27. 1	G-MEIGHTS	v.	0.	0.
0.38916016	0.44635010	0.30015100		
1.00000000	0.38957214	0.39015198 0.48045349	0.39189148 -0.47595215	0.51237488 -0.52043152
-0.49929810 -0.54681396	-0.49554443	-0.51202393	-0.51748657	-0.43241882
0.	0. 1.0000000	1.00000n00	1.00000000	0.
~0.61552429	0.	-0.70071087	1.00000000 +0.61552429	-0.70671087 -0.70671087
0.	-0.64878845	0.	0.	0.
COMPONENT 28. 1	G-METCHTS			
0.41578674 0.78961182	0.29663085	0.37747192	0.37345886	0.99203491
-0.62609863	0.37747192 0.	0.37748718 -0.61468342	-0+61764526 -0+62608337	-0.53848267
-0.46134949	0.92578125	0.07431030	0.	-9.51541138 0.91696167
0.92578125 0.	0.1188C493 -0.33406067	0.03834534 -0.75791931	1.0000000	-0.30017090
-0.75791931	-0.75791931	0.	-0.33406067 0.	-0.75791931 0.
COM ONCAT 29. 1	G-WEIGHTS			
C.58120728	0.37948608	0.40838623	0.38410950	0 4348884
0.44729614	0.95069885	0.41188049	-0.47390747	0.43688965 -0.22798157
-0.63966370 -0.40925598	-0.57037354 0.66691589	-0.55256653	-0.56807368	-0.55819702
0.51789856	0.53674316	0.39080811 0.13093567	0.76058960 0.18322754	0.81285095 -0.53053284
-0.43374634 -0.43374634	-0.43374634	-0.40037537	-0.47646790	-0.65760803
	-0.43374634	0.	0 💸	0.
COMPONENT 30 ¢ 1	G-WEIGHTS			
0.41519165 G.45246887	0.41464233 0.40525818	1.0000000CC 0.44352722	0.45834351	0.41053772
-0.55 16052	0.	-0.4/463989	-U.62062073 -0.54821777	~0.55496216 ~0.61334229
-0.6'3C1086 0.52214050	0.54613473	0.	7.76513672	0.45293640
-0.44120789	0.76513672 -0.44120789	0.74400330 -0.75934941	0.74060059 -0.38584900	-0.70007374
-0.44517517	-0.38584900	0.	0.	-0.44120789 n.
COMPONENT 31, 1	G-ALICHIS			
0.31187437	0.37968445	0.39979553	0.77078247	0.80944824
0.3336943 <i>1</i> -0.69534302	0.36659241 -0.27566425	0.62866211 -0.01097107	-0.6.730713	-0.75955200
-0.41609042	0.46028137	0.53886413	+0.68418984 0.536.9575	~0.46072724 0.84440613
0.79885864 ~0.47601648	0.30595398	0.0319976H	0.48271179	-0.073/3047
\$0.47601648 0.64841652	~U_37958191 -O_65078735	-0.857910,6 0.	-0.648 /1052	-0.25009155 0.
CHIMPONENT 32, E				· -
1.00 000 100	0.34284025	0.35131726	0.35×5315¢	0 35003100
D. 362 380 48	0.47343445	0.15128784	-0.71423230	^./580'190 -^.44491577
-0.72149658 -0.72880554	3,07130437	-C. 359421 78	-0.73298645	-C.22480774
0.18217468	0. 0.17152405	0. 0.41156 m/s	0.91156006 0.91156006	0.91156006 -0.38600159
-0.164266 47) e ₂	-0.666001 47	-). 75343323	50.666000179 50.66600017
-0.76476647	0.	C/	0.	') 🔊

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			0.51237468	0.50144958
COMPONENT 31" I C-PEICHTS	0.44496460	0.50529480	-0.50984142	-0.51062012 0.56948853
0.49591064	0.49841309	-0.50646413	0.44956970 0.45069885	-A-5113678U
0.44845886	-0.51829529 0.44547190	0.44557140 0.56448453	0.45069855	-0.51136750
-0.51167788	0.56448853	-0.10627136	0.	Q.
0.49880401 -0.511367EU	-9.53627136 -0.51136780	0.		
-0.50627136	20.71.72		-14	0.48988342
COMPUNENT 34. 1 G-HEIGHT	15	0.48451233	0.5 1716	-0.57929688 -0.50767517
	0.42198181	0.46633911	-0.52305603	0.39897156
0.42971807	0.64007568 -0.508H9587	-0.40930176 0.61779431	0.53971863	-0.51832581 -0.51832581
-0-51837178	0.75424194	n. 48/25403	-0.43652344	0.
-0.44340820 1.70817566	9,49929810 -0.51832581	-0.30001931	0-	
-0.51251221	-0.53263855	v•		
-0.66328430	HTS		0.45001221	0.44248962 -0.53813171
COMPONENT 35. 1 G-MELCI	0.46260071	0.45811462	-0.36334229	-0.55526733
0.53018188	0.43200684	0.68818665 -0.43762207	-0.55015564 0.77894592	0.77894.72
9, 13637695	-C.47415649 0.81402588	0.	0.81402588	-0.35981750
-0.53813171	0_61402588	0. 0.≈	-0.73013306	0•
-0.73013306	-0.73613306 -0.35981750	0.	•	
-3.35981750	20. 3340.			0.38914490
COMPONENT 36. 1 G-WET	GHT S	0.98651123	0.25975037	-0.42474365 -0.33122253
	0.7,490906	0.48681641	-0.33621316	0.84147644
0.58016968 D.29555447	0.26670837 -0.70625305	-0.74060059 0.30102539	0.95248413	-0.18168640 -0.73014832
-0-72882080	0.95248413	O.	-0.18168640	·
-0.01402283 0.9° 48413	-0.73014832	-0.06166077	0.	
-0.7.014837	-0.65432139	V•		
-0.73014832	- cutt		0.64598083	0.47738647 -0.68885803
COMPONENT 37. 1 G-4F	1GHT5	0.54299927	-0-63302612	-0.65618890
0.52958679	0.52525855 0.45582581	0.26452637 -0.00048HZ8	-0.29727173 0.03392029	0.94186401
0.55839539	1. 66833496	0.94186401	0.40368657	-0.02033997
-0.63438416 -0.42141724	0.40368652	0.62051392 -0.56784058	-0.49707031 0.	0•
0.62051394	_a a1471863	0.	0.	
-0.02033447 -0.91471863	-0.56784058			0.57507374
	NF I GHT S		0.37141418	"a. a1228333
COMPONENT 38., 1 G-M	0.35856628	1.0000000	-0.65809631 -0.35461426	-0.48492432
0.55278015	0.35856678	-0.A579895°	0.	-0.64183044
0.35906+87	-0.65585327 0.61206055	0.86926770	0.86976710	-0.09727478
-0.51811218	0.86926270	-0.64190674	0.	
0.61215210	-0.051300C5 -0.64190674	0.		
-0.64190674			0.42077637	0.39526367
COMPONENT 39. 1 G	-WEIGHTS	0.39968872	-0-52053833	-0-50769043
0.546 78345	0.39625549 1.00000000	0.39416504	-0.54322815 0.61174011	0.66740417
0.44691467	-0.456H9392	0.59735718	Λ.	-0.5682220
-0.43849182 -0.54353333	0.66740417	0.65872192	-0.52691650	0.
1.69735718	-0.47981262	0.	0.	
+0.46917725 -0.46795654	-0.47981262			0.46336365
	C-WEIGHTS		0.43248460	-0.52873230
COMMONEAL	0.73144204	0.42315674	-0.52014160 -0.33441167	-0.52648926 0.53898621
0.50438281	0.56755493	-0.48297547 0.45675659	0.51794434	-D. 48771667 -0.44227600
-0.53562 12 /	11.46380617	0. 57046509	-0.57376099	0.
0.58447706	0.53H98621 -0.4569091H	-U. 4564041 N	0.	
-0-44227600	-0.57376049	D •3		
-0.56634521	10115		0.48945618	0.62655969 -0.53872681
CUMPONENT 41. 1	G-METCHT?	0.48925781	_0.52624514	-0 43276067
0.48339844	0.51676441 0.48716736	0.51464844	-0.18377686 0.51043701	0.46838379 -0.41076660
0.6964868	-c 5474/314	0.67517(90	٥	-0.57821655
-0.5427670F	0.67517090	0.4739H376 -0.41204H34	-0.41016660 0:	0.
0.68077087 -3.41076650	-0.57821655 -U.62098694	0.		
-0.518*1622 -0.4101999	-0. 05 (taun ta			0.31637329
CHABANEMI 44.	1 6 #c16HTS	0,42381787	0.53506366	-0.63003540 -0.71308699
	1. 46121808	0.52374(68	-0.63578798	0.42587280
3.51415/71 3.51254/72	0.71 (04321	-0.112021 PT	0.51014709 0.47587780	0.74496460 -0.50233459
-0.61194580	7 (, KH17627)	C.25474194	-0.33015442	0.
0 s n. 5 1762 K	0	-(\$58535767	0.	
-0.5(23345) -0.5(23345)	9 11(1964/	•		
~0,50,73347				

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COMPONENT 43. 1	G-WEIGHTS			
0.79598999	0.340r2031	0 43140160		
C.35748127	0.39538574	0.42169189 0.35729985	0.33108521 -0.53866577	1.00000000
-0.46321106 -0.51321411	-0.50543567	-0.54219055	-0.52970886	-0.58172607
0.44491577	0.57477417 0.52923584	0.67477417 0.52923584	0.68688965 0.	0.46011353 -0.44204712
-0.44204712 -0.67164612	-0.67164612 -0.44?04712	-0.44645691	-0.44204712	- >-44204712
		0.	0.	0.
COMPONENT 44. 1	G-WEIGHTS			
0.47352600	0.46687317	0-51538086	0.72740173	0.42271423
0.45283508 -0.57858276	0.47676086 -0.34289551	0.46447754 -0.51254272	-0.57020569	-0.44783020
-0.47477722 0.41641235	0.39511108	0.	-0.51000977 9.64309692	-0.56317561 0.81434631
-0.60592651	0.48930359 -0.56002808	0.53521729 -0.38861084	0.70648193 -0.78678694	-0.14994812 -0.56002808
-0.56002808	-0.38861084	0.	0.	0.
COMPONENT 45. 1	G-WEIGHTS			
0.41215515	0.26156616	0.99394004		
0.34460449	9.38362122	0.99298096 0.35227966	0.939804G8 -0.72143555	0.31295776 -0.63496399
-0.62907410 -0.02059937	-0.63311768 0.02502441	-0-62197876 0-04074097	-0.01609802	-0.72270203
0.47987366 -C.42312512	0,77732849	0.73155212	0.74018860 0.4650_686	0.74018860 -0.34980774
-0.82147053	-0.74636841 -0.42411804	-0.34980774 0.	-0.44152832 0.	-0.44152832
COMPONENT 46. 1	G-WEIGHTS	••	0.	0.
	O-WEIGHTS			
0.43945313 0.79244995	0.35754395 0.43649292	0.72024536	0.42707825	0.33428955
-0.52493286	-0.46612549	0.49240112 -0.34471130	-0.60197449 -0.>5534363	+0.49401855 -0.53282166
-0.48004150 0.54446411	0.30233765 0.57310486	0. 0.62173462	0.84080505	0.84080505
-0.41894531 -0.41894531	-0.41894531	-0.76768494	0.27671814 -0.41894531	-0.41894531 -0.41894531
	-0.71856689	0.	0.	0.
COMPONENT 47. 1	G-WEIGHTS			
0.46263123	0.43959045	0.45840454	0.45245361	1.00000000
0.37252808 -0.53167725	0.40708923 -0.53599548	0.40727234	-0.54017639	~0.46943665
-0.37413025	0.	-0.50326538 0.62896729	-0.51704407 0.67631531	-0.52824402 0.71844482
0.62 879 944 -0.646 2 0972	0.62896729 -0.47505188	0.71844482 -0.42745972	0.	-0.49098206
-0.52961731	-0.42745972	0.	~0.47505188 0.	-0.52810669 0.
COMPONENT 48. 1	G-WEIGHTS			
0.44386292	0.57764517			
0.45185852	0.57754517 0.49050903	0.36439514 0.41950989	0.58287048 -0.38014221	0.66940308 -0.77037048
-0.25239563 -0.40849141	-0.82714844 0.	0.	-0.60716248	-0.75407410
0.75230408	0.73367310	0.67005920 0.52018738	0.65368652 0.	0.67005920 -0.39236457
-0.47770691 -0.47770691	-0.47770691 -0.61863708	-0.61863708 0.	-0.45948792	-0.47770691
COMPONENT 49. 1		7,	0.	0.
COMPUNENT 49. I	G-WEIGHTS			
0.506C4248 0.532 2 7234	0.49557495 0.53225708	0.50254822	0.40103149	0.53643799
-0.45726013	-0.53210449	0.49378967 -0.52944946	-0.54403687 -0.5 ⁻ 575684	-0.47999573 -0.47201538
-0.45933533 0.48754883	0.34597778 0.85816956	(). 0.89219666	0.00872803 0.49258423	0.91476440
-0.37968445	-0.80972290	-0.78115845	-0.41383362	-0.37968445
-0.37968445	-0.44236755	0.	0.	0.
COMPONENT 50. 1	G-WEIGHTS			
0.50711060	0.5(874329	0.46252441	0.25311279	0.87319946
0.78932190 -0.55247498	0.86503601 -0.00935364	0.24093628 -0.52764893	-0.61566162 -0.58331299	-0.57518005
-0.54397583	0.06365967	0.68138123	0.68138123	-0.59236145 0.60021973
0.77088928 -0.42758179	0.62825017 -0.66006470	0.57417297 -0.42758179	0. -0.42758179	-0.48475647 -0.42758179
-0.66006470	-0.48475647	0.	0.	0.
COMPONENT 51. 1	G-WEIGHTS			
0.35963440	0.27047729	0.27047779	0.67056274	A * · * · · · · · · ·
0.99696150	0.81372070	0.27041129	-0.72039795	0.34764099 -0.00022888
-0.24882507 -0.72190857	-0.66700374 0.25765991	-0.23300171 0.76562500	-0.68659973 0.82804871	-0.72190857 0.25547791
0.25765991 -0.68890381	0.82804871	0.78222656	0.02520752	-0.23475647
-0.68437195	-0.68437195 -0.68437195	-0.09956360 0.	-0.23475647 0e	-0.68890381 0.
COMPONENT 52. 1	G-WEIGHTS		*	*•
0.30740356 0.39910889	0.43817139 0.81466675	0.88/89368 0.431/9321	0.321/4683	0.39872742
-0.46059851	-0.47222900	-0.56681924	-0.46244812 -0.52545166	-0.56770325 -0.49276733
-0.44549561 0.47624207	0.09814453 0.86650767	0.02983093 0.66114807	0.86660767 0.31066895	0.69070435 -0.38429260
-0.38429260 -0.62919617	-0.62919617 -0.60218811	-0.60218#11	-0.38429260	-0.38429260
0.02717017	-0.0021071	0.	0.	0.

, r48 (GHT	:5		0.53065491	0.51139632
COMPONENT 550 3 G-WEIGHT	0-47683606	0.48136907	-0.35006714 -0.50552368	-0.54925537
0.56897217	0.48095703	0.51467#96	0.05671692	n_49026489 _0.51004028
0.44310303	-0.44555469	0.53552746	0.63166504	-0.41372681
-0.55328369 -0.49511719	0.53552246 0.59851074	0.64468689	-0.89576721	0.
0.25708008	-3-41372681	-0.402 / (1)-	0.	
-0.41372681	-0.27670288	•		
-0.41372681			0.47399902	0.43414307
COMPUNENT 54. 1 G-WEIGH		0.56100521	-0.41363527	-0-5185740Y
	0.60780334	0.43812501	-0-52993714	0,72892761
0.43414307	0.59365845	-0.49258423 0.78039551	0.80771926	-0.54983521 -0.42587280
-0.53070068	۸.	0 42379761	0. -0.53814697	0.
-c.53173828	0.59611511	-0.36199622	0.	••
0.66299438	-0,53814697 -0,54983521	0.		
-0.48030090	-0.51			0.3961334?
COMPONENT 55. 1 G-NEI	GHTS	0.90599066	0.38726333	-0.39001465
	0.31738281	0.15478210	-0.53343201	-0.55853271 0.62969971
0.33551025	0.77444949	-U-54887390	0.63296509	-0.48442078
0.52343750	-0.56550598	0.61096191	0.53620911	-0.56640625
-0.39651489	0.	0.53447449	-0.56983948	0.
n.53317261	-0-46130511	0.	0.	
-0.48442078	-0.48442078	••		2017878
-0.48442078			0.53909302	0.49267578 -0.45320129
COMPONENT 55. L G-ME	IGHTS	0.54159546	_0.45939636	-n 44940613
0.48019409	0.48101807	n.4571838*	-0.46096802	G. 30693054
0.46917727	0.53409302	-0.60140991 0.22576-04	0.26034546	-0.78979492 -0.37220764
-0-53092+57	0.72450270	0.10819092	-0.87097168	D•
-0.49386493 0.75480552	0.75907898	-0.42308044	Q.	
an 37220764	-0.37643433	0.		
-0-42308044				0.53768921
COMPUNENT 57. 1 G-4	CIGHTS	0.30700684	0.50741577	-0.71478271 -0.11207581
	0.30700684	0.39175417	-0.714782/1	0.92604065
0.30700684	1.00000000	-0.55668640	6.3195190*	Λ
0.64208984 -0.71253467	0.92604065	0.35308835 0.18162537	0.92604065	-0.77409363
-0.68003647	۸	0.	0.	0.
0.36758423	-0.77409363	0.		
-0.77409163 -0.77409363	-0.17948608			0.45153809
	-WEIGHTS		0.51051331	-0.53311157
COMPONENT 58. 1 G-	0.71661377	0.48618970	-0.53446950 -0.53366089	-0.52624986 0.29081726
0.45283508	0.46742249	-0.530.3611	0.86753845	_0.51319887
0.46157837	_n_35742188	0.24368286	0.81909607	-0.62629700
-0.53048706 -0.45443726	0.83909607 0.29081726	0.24368286 -0.03088379	-0.51319885	0.
1.3852081:	-0.53187561	0.	0.,	
-0. 2629700	-0.62679700			
-0. 13187561	r.cuts		0.46763611	0.45519897
COMPUNENT 59. 1	G=M1 . QU. 13	0.49649048	-0-47677612	"n. 47616882
0.52723694	0.45181274	0.54208848	-0.49302673 0.63583374	0.54905701
0.53230286	-0-50292969	A. 45469660	0.56144287	-0.64959717
-0.44127197	0.54144281	0.54905701	-Q.42114758	0.
-0.47677612 0.32067871	0.40742493	-0.50796709	0.	
-0.42114278	-0.42114258	0.		
-0.42114258				0.42346191
COMPONENT 60 - 1	C-MEIGHTS	0.80606079	0.42208862	-0.59776306 -0.45510864
	0.47138977	0.41879272	-0.58815002	0.60525513
0.49017334	0.54568481 -0.59854126	-0.5989990? 0.53666687	0.61701660	-0.316616(
-0.43882751	0.274A71B3	n.7250360/	~0.64564514	-0.11555481 0.
_0.59559631	0.21792603	-0.64564514	0.	٧.
0.31596375	-0.64270020 -0.64270020	0.		
-0.34346008	20.042 100-1			0.42465210
	G-HEI GHTS		0.45223999	_n_52526855
CUMBONEAL QT. 1	0.40805054	0.38681030	-0.60314941 -0.52511597	-0.46917725 0.37805176
1.00000000	0.41371155	~0.43630981	0.61833191	-A ARAGOGOA
0.454 16260	A. 405B2217	0.9[833[31	0	-0.48440908
-0.45603943	0.69444275	0.37805176 -0.48440908	_0.48490906 0.	0•
A A9444217	_a.680053/1	0.	••	
-0.45956421 -0.4357/576	-0.4849090D			0.42135670
			0.44279480	-0.15167236
CUMPLINENT 62.	I C MERCHAN	6.41217041	-0.56273707	-0.79877014
0 44279486	0 ().4279480	0.46601868	-0.57:73865 0.54115295	0.60989380 -0.47482300
0.94413/0	-0.59764099	0.52854414	Λ-	-0.47482300
-0.5699617	0.59777418	0-52854419	-0.41482300	0.
-0.6057434 0.5972747	8 _0_53418787	-U.47492300	0.	
-a.5463250	on _(_54632568	214		
-0.4146230	JO			

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COMPONENT 63. 1 G-1	rt I GHTS			
0.28030396	0.66612244	1.00000000	0.27101135	0.22011222
0.57829285 -0.58293152	0.29954529	0.62557983	-0.58381643	0.27911377 -0.58830261
-0.56407166	-0-23736572 0 -04 624517	-0.560#3679 0.91213389	-0.47789001	-0.4047393A
0.33294678	0.38739014	0.36739314	0.10073853 0.88638660	0.94615173 -0.55807495
-0.50555420 -0.50555420	-0.50555420	-0.55807495	-0.55807495	-0.55807495
••••	-0.25696130 #E1GHTS	C. . ·	0.,	0.,
0.45603943				
0.410186	0.42347717 0.48005676	0.402 <i>1</i> 2522 0.62193298	0.40272522	0.80281067
-0.71160889	-0.65621948	0.	-0.62426758 -0.66372681	-0.71160889
3. 0.	0.79998779	c.	0.799987 '9	-0.63255310 C.79998779
0.	0. ~0.67372131	0.79998779 -C.67372131	0.79998779	-0.65254211
-0.67372131	-0.67372131	0.	-0.65254211 0.	c. o.
	EIGHTS			
0.28012085	0.59667969	0.32246399	0.97668457	0.32478333
0 - 25512645 -0 - 53762817	0.31854248 -0.69967651	0.42556763	-0.32588196	-0.12576294
-0.64195251	0.15060425	-0.63143921 0.16177368	-0.26952280 0.74386597	-0.76799011
0.52436829 -D.25142261	0.52641296	0.75706482	0.30691528	0.82897949
-0.47496033	-0.68659973 -0.47496033	-0.47496033 0.	-L7496033	-0.68659973
COMPONENT 66. 1 G-W	EIGHTS		•	0.
1.00000000	1.00000000	0.65000916	0.15734863	0.21124268
0.47369385 -0.51615906	0.25598145	0.25170898	-0.46424866	-0.53825378
-0.54379272	-0.55206299 0.	-0.51319#85 0.94776917	-0.57591248	-0.29632568
0.	0.	0.94776917	0.94776917 0.94776917	0.20889282
-0.284C2/10 -0.73928833	0. +0.75881958	-0.7392 333	-0.73928833	-0.73928833 0.
	-0-1381438 EIGHTS	0.	0.	0.
0.24960327				
0.70993042	0.18167114 0.26557922	0.21694946 1.00000000	0.37622070	1.00000000
-0.54035450	-0.51507568	-0.17190552	-0.51895142 -0.50320435	~0.58227539 ~0.60284424
-0.56535339 0.53157043	0.20588684 0.43643188	0.78605652	0.78605652	0.79605652
-0.41755676	-0.30798096	C.30242920 -0.41755676	0.16549683 -0.41755676	-0.41755676
-0.77305603	-0.47621484	0.	0.	-0.71849060 0.
	ETGHTS			
0.49923706 0.49101257	0.55229187	0.502##391	0.49093628	C.48864746
-0.49449158	0.48907471 -0.51083374	0.48631287	-0-48941040	÷0.49937439
-0.51158142	0.76991272	-0.50028992 0.28723145	-0.50572205	-0.48869324
0.27288818 -0.59931677	0.1877	0.76991277	0.17295837 0.76991272	0.769912 <i>12</i> -0.69030762
-0.64030762	-0.6759, 37 -0.09536853	-0.09336853 0.	-0.59031677	-0.57598877
COMPONENT 69. 1 G-WE	EGHTS	••	0.	o.
0.33096313	0.98103333	0.40354.400		
0.31922913	0.41783142	0.30354309 0.37429810	0.27761841 -0.59962463	0.99542236
-0.67828369 -0.63439941	-9.02650452	-0.08575439	-0.63584900	-0.70294189 -0.63662720
0.86520813	0.02580261 0.88520813	0.02580261 0.54548645	0.88520813	0.54859924
-0.90473938	-0.40600586	-0.26747131	0.19865417 -0.42843628	-0.4284362A
-0.26747131	-0.42843628	0.	0.,	-0.86895752 0.
	IGHTS			
0.41789246 0.41914368	0.43844604 0.54968262	0.42355347	6-91566467	0.41773987
-0.42979431	-0.64155579	0.41783147 -0.64622498	-0.64819336 -0.64872742	-0.55426025
0.	0.93344116	0.12405196	0.	-0.43119812 C.93344116
0.93344116 -0.31921387	0.14215088 -0.60972595	0.414.325.03	0.93344115	0.
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0.53617859 0.52203369	0.52996826	0.49674388	6.49891663	0.51118469
-0.48536682	0.43058777 0.47328186	0.47434998	-0.45794678	-0.51897095
-0.52738953	0.61325073	-0.5420379 <i>a</i> 0.29048157	-0.48669434 0.28256226	-0.48#26599
0.65187073 -0.388198:5	0.62634167	0.6362457;	0.59112549	0.30607605 -0.75602 <i>1</i> 22
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                             COMP. GUTPUT
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    MINPS=000000000005
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71. 1 0. 72. 1 0.6298457 68.
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                                     1.00000
                        INPUT V4
                                               INTENTIFICATION COPRECT NCVCS-00000000014 INDICT+000000000001
     MINPS - 0000000000000014
                 I DUTPUT OUT OF RANGE, NEW BIAS .
               0.06434266
                                                                                      0.75060251
    FEAEF
    LEVEL
    LE VE L
                                                                                      0.12169011
   LEVEL
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                     7 BIAS CHANGES
                 LEVEL 1 MS .
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O.1893116
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7. 1
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0.2404584
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0.3919607
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0.0747093
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71. 1 0. 77. 1
2 OUTPUT OUT UF RANGE, NEW BIAS F
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0.0639325 0
-0.12415634
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                    1 BIAS CHANGES
                LFVEL 2 MS =
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              COMP. UUTPUT COMP. OUTPUT

1. 2 0.4243699 2- 2 0.57

1. 15 0.42437

2 15 0.57563
                                                                          TPUT COMP. OUTPUT
C.5756301 O.O O.
                                                                                                                                                                            COMP. OUTPUT 0. 0 0.
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  SUM NO.
                     INPUT HS
                                            IDENTIFICATION INCORRECT.
NCYCS=0000000000013 INDIC
  MINPS=0000C0000004
                                                                                      1401CT=0000000000001
LEVEL 1 DUTPUT DOT UF RANGE, NEW BIAS =

CONTROL=UCCOUDO0001

LEVEL 1 OUTPUT DOT UF RANGE, NEW BIAS =

CONTRO =0000000000001

LEVEL 1 DUTPUT DUT UF RANGE, NEW BIAS =

CONTROL=0000000000000

ARITHMETICC OVERFLOW JCCURED AT LOC 22054

LEVEL 1 DUTPUT DUT UF RANGE, NEW BIAS =

CONTROL=00000000000007

LEVEL 1 DUTPUT DUT UF RANGE, NEW BIAS =

CONTROL=0000000000007
                                                                                   0.06944443
                                                                                    0.20833330
                                                                                   7.19981807
                                                                                   1.20437569
LEVEL 1 0UTPUT DLT JF RANGE, NEW BIAS =

CUNTROL=0000UC000007

LEVEL 1 0UTPUT OUT JF RANGE, NEW BIAS =

CONTROL=000000000007

LEVEL 1 UJTPUT ULT JF RANGE, NEW BIAS =

CONTROL=000000000007

B BIAS CHEVGES
                                                                                   0.33280112
                                                                                   0.39503501
              LEVEL 1 MS .
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                                                                             BIAS .
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             CUMP.
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                                0.1391104
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0.1086841
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0.
                                                                                                                                                            0.0631792
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                                0.1420812
                                                                         6.2501119
C.0427229
D.1433504
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                                0.1606335
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0.0#60751
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                                                                                                 43. I
                                                                                                                   0.1228052
                                0.1808333
0.3881430
0.0719271
0.0888584
0.2445776
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0.0147996
0.0968159
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55. 1
60. 1
65. 1
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                                                                         L. 0848488
                                                                                                                                                            0.0964867
0.
0.1314627
                                                                                                                  0.0718399
                                                                                                                                                                                                     0.
0.1422453
                                0.0757490
                                                                         0.1308825
0.0493881
                                                                                                  0.0
LEVEL 2 DEPUT OUT OF MANGE.

•• CONTRIBUTOR CODECOUNTS

1 BEAS CHANGES
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COMP. OUTPUT
                                                                                                                                                       CUMP. UUTPUT
0. C 0.
                                                                                                                                                                                                                          COMP. CUTPUT
0. 0 0.
                                                                                      COMP. (JTPUT
2. 2 0.55
                                               CUTPUT
                     COMP.
                                                     0.4401657
                                                                                                                           0.5598343
 SUM NO.
                                                      0.55983
                                                                         IDENTIFICATION INCORRECT.
NCYCS=0000000000012 INDIC
                                  INPUT HS
                95
                                                                                                                                                INDICT=0000000000001
  MINPS=0000000000004
0.06944443
                                                                                                                                           0.20833330
                                                                                                                                           0.45138881
                                                                                                                                           0.46874991
                                                                                                                                                                     0.46874991
                                                                                             - 2A18 00000005.0
                           LEVEL I MS *
                                                                                                                             TPUT COMP.

0.0843135 3. 1
0. 8. 1
0.0764264 13. 1
0.2246572 18. 1
0.
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0.0635667
0.0835812
0.0409145
0.0677554
0.1220772
0.0052961
                                                  OUTPUT
0.2011923
                                                                                                                                                                                                                                                                      0.0604391
0.2310920
0.0816877
                         COMP.
                             1. 1
6. 1
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                                                          0.0953160
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18. 1
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28. 1
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0.0941326
0.0883544
0.0881325
                                                          0.0856578
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                             16. i
21. 1
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0.1512810
0.0833182
0.0987291
0.0807169
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0.
0.1010002
0.1143539
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0.1222551
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37. 1
37. 1
37. 1
37. 1
46. 1 0.1005503 47. 1
51. 1 0.0584790 52. 1
56. 1 0.0659463 57. 1
61. 1 0.1723803 62. 1
66. 1 0.2029901 67. 1
60. 1 0.0925631 72. 1
CONTROL=000000000001
2 OUTPUT OUT UF RANGE, NEN BIAS =
CONTROL=00000000003
2 OUTPUT OUT UF RANGE, NEN BIAS =
CONTROL=00000000003
2 OUTPUT OUT UF RANGE, NEN BIAS =
CONTROL=000000000003
3 BIAS CHANGES
LEVEL 2 MS -
                                                                                                                                                                                                    0.
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45. 1
50. 1
55. 1
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0.1104691
0.0765491
                                                          0.0574214
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0.0763714
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59. 1
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0.0556996
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0.1276390 0
0.50000000
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70.: 1
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      LEVEL
    LEVEL
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     LEVEL
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                                                                                              0.01000000 8145 = 0.60311519
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0. 0
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0.0 0.0
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                           COMP. OUTPUT

1. 2 0.5577533

1. 15 0.55775

2. 2. 15 0.35646
                                                                                           COMP. OUTPUT CUMP. 2. 2 0.3564613 0. 0
                                                                                                                                                                                   OUTPUT
       SUM NO.
                                                                             INDENTIFICATION CORRECT
NCYC5*000000000014 INDICT*000000000001
                                        INPUT HS
        MINPS=00000000000003
       -0.40166008
                                                                                                                                            -0.92122816
                                                                                                                                             -1.44079623
       -1.31090420
                                                                                                                                           ~1.24545821
                                     6 BLAS CHANGES
                                                                                                                                           RIAS = -1.24595H21
                                LEVEL 1 HS +
                                                                                                 0.20000000
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5-1
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45-1
56-35-1
45-1
50-2-1
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                                                         TUTPUT
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                             COMP.
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2 c 1

1 c 1

12 c 1

17 c 1

22 c 1

27 c 1

37 c 1

37 c 1
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0.01000000 BIAS = 0.40810344

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0.01000000 61A5 x -0.72766125
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0. 0
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0. 0 0.
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6.
1.00000
                                       1. 2
1 IS
              SUM NU.
              ••• 97
                                            INPUT VS
                                                                        INCENTIFICATION CURRECT
             MINPS=000000000002
                                                                                                                                                    INDICT-00000000000
           LEVEL 1 DUTPUT DUT OF RANGE, NEW BIAS = -0.05834565

CONTROL=00C000000001

LEVEL 1 DUTPUT DUT OF RANGE, NEW BIAS = -0.16793536

CONTROL=00000U000003

2 BIAS CFANGES
                                  LFVEL | MS =
                                                                                                 0-200000000 BIAS *
                                                                                                                                                                       -0.16793536
                               COMP.
                                                                                               COMP.
2. 1
7. 1
12. 1
                                                         UUTPUT
                                                                                                                        OUTPUT
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0.0283040 %-1
0.7809764 9-1
0. 14-1
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5. 1 0.1867538
10. 1 0.
15. 1 0.1013272
20. 1 0.1040540
25. 1 0.
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6. 1
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0.
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70. 1
        LEVEL
                               CONTROL=00C000000001
2 OUTPUT OUT OF RANGE, NEW 81AS = -0.78482698
CUNTROL=00C000000003
2 BIAS CHANGES
        LEVEL
                               LEVEL 2 MS #
                                                                                           0.01000000 BIAS = -0.78482698
        COMP. OUTPUT

1. 2 1.0000000

SUM NO. 1 IS 1.00000

SUM NO. 2 IS C.
                                                                                         COMP. OUTPUT
2. 2 0.
                                                                                                                                              COMP, OUTPUT
0.0 0.
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        INDENTIFICATION CORRECT
NCYCS=000000000014 IN
                                                                                                                                                 INDIC *= 0000000000001
      -1.20190826
                                                                                                                                         -1.90913209
                                                                                                                                        -1.37871422
                              LEVEL 1 MS =
                                                                                            0.20000000
                                                                                                                                      RIAS =
                                                                                                                                                              -1.37871422
                                                                                         COMP.
2. 1
7. 1
                           CUMP.
                                                   LUTPUI
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0.7303300
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0.7082163
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0.2239933
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70. 1
0. 0
                                                                                                                                      -1.20905681
    CONTROL COOL DODGOOD S
LEVEL 2 DUTPUT OUT OF MANGE, NEW BIAS #
CONTROL COOL DOCT
LEVEL 2 DUTPUT OUT OF MANGES NEW BIAS #
CONTROL COOL DOCT
4 HIAS CHANGES
                                                                                                                                      -0.45452H40
                           FEVEL 2 *5 = 0.01000000 BIAS = -1.03179760
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The state of the s

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COMP.
1. 2
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G. 0 0.
                                      OUTPUT
                                                                     COMP. OUTPUT COMP. SUIPUT
2. 2 1.0546619 O. 0 O.
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1.05466
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--- 99 INPUT V6
MENPS-000000000014
                                                          INDENTIFICATION CORRECT
NCYCS=00000000014 IN
                                                                                                                   INDICT = 000000000000
LEVEL 1 OUTPUT OUT OF RANGE, NEW BIAS = CONTROL=00000000001

LEVEL 1 OUTPUT OUT OF RANGE, NEW BIAS = CONTROL=0000000003

LEVEL 1 OUTPUT OUT OF RANGE, NEW BIAS = CONTROL=0000000003

3 BIAS CHANGES
                                                                                                             -0.88880513
                                                                                                                                                                                                   LEVEL
                                     ı
                                                 MS =
                                                                        0.20000000
                                                                                                         BIAS =
                                                                                                                                 -0.66360613
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1.0566812
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                    56. 1 0. 52. 1 0

56. 1 0. 57. 1 0

61. 1 0. 62. 1 0

66. 1 0.9590965 67. 1 0

71. 1 C. 72. 1 0

2 OUTPUT OUT OF MANGE, NEW BIAS =
                                                                                                   0.
 FEAEF
                  2 OUTPUT OUT OF MANGE, NEW BIAS =
CONTROL=00000000001
2 OUTPUT OUT UF RANGE, NEW BIAS =
CONTROL=00000000001
2 OUTPUT OUT OF RANGE, NEW BIAS =
CONTROL=000000000001
2 OUTPUT OUT OF RANGE, NEW BIAS =
CONTROL=000000000005
2 OUTPUT OUT OF RANGE, NEW BIAS =
CONTROL=0000000000005
5 BIAS CFANGES
LEVEL
LEVEL
                                                                                                            -3.49999988
                                                                                                            -2.49999991
 LEVEL
                    LEVEL 2 MS =
                                                                        0.01000000 B!AS =
                                                                                                                               -2.99999991
                                                                                                                                                                                                                                   COPP. OUTPUT
0. 0 0.
                  COMP.
                                     UUTPU! COMP. OUTPUT
1.0080184 2.2 0.
                                                                                                                          COMP. OUTPUT
0. 0 0.0
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                      1 IS
2 IS
                                           1.00802
 SUM NO.
                                                         INDENTIFICATION CORRECT
NCYCS=000000000014 INDICT=000000000001
 ••• 100
                           INPUT HI
 MINPS=000000000013
                  1 OUTPUT OUT JF RANGE, NEW BIAS = CONTROL=000000000001
1 UUTPUT OUT UF RANGE, NEW BIAS = CONTROL=000000000003
1 OUTPUT OUT UF RANGE, NEW BIAS = CONTROL=000000000003
1 OUTPUT DUT OF RANGE, NEW BIAS = CONTROL=000000000007
1 OUTPUT OUT OF RANGE, NEW BIAS = CONTROL=0000000000007
1 OUTPUT OUT UF RANGE, NEW BIAS = CONTROL=0000000000007
1 OUTPUT OUT UF RANGE, NEW BIAS = CONTROL=00000000000007
6 BIAS CHANGES
                                                                                                             -0.40295397
LEVEL
LEVEL
LEVEL
LEVEL
LEVEL
                                                                                                             -1.35976689
                                                                                                             -1.45544817
                    LEVEI L
                                                                                                           BIAS =
                                                                                                                                  -1.45544817
                                                   MS =
                                                                         0.20000000
                  COMP.
1. 1
6. 1
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                                        O. C.7308360
                                                                                                                           CUMP.
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                                                                                                                                                                                                      CUTPUT
                                                                       COMP.
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0.5319487
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                    36. 1 0.
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51. 1 0.
56. 1 C.
61. 1 0.6235599
66. 1 0.
71. 1 0.
2 DUTPUT OUT UF HANGE,
CONTROL=00 DOUDDDOO1
. BIAS CHANGES
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47. 1
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67. 1
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NEW BIAS
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                      *** 161 199UT #1
#EMPS#JUTS 0000012
                                                                                                                                                                            NUMERO DESCRIPTION COMMENTS (NUMERO DESCRIPTI
                  LEVEL 1 NUTBUT OF MANSE, WE STAS .

CONTROL - COCCUSCOSI
LEVEL 1 DUTBUT OUT OF MANGE, NEW STAS .

CONTROL - COCCUSCOSS
LEVEL 1 DUTBUT OUT OF MANGE, NEW STAS .

    CONTROL = UNDOOCDOOCS

LEVEL : UTPUT DUT UF HAY UF, NEW ATAS =
    CONTROL = COCODOCCCS

LEVEL : UTPUT DUT UF HAY UF, NEW BEAS =
    CONTROL = COCODOCCCS

LEVEL : UTPUT DUT UF HAY UF, NEW BEAS =
    CONTROL = COCODOCCCC
    CONTROL = COCODOCCCC
    A BEAS CHANGES

                                                                    cevec 1 ms .
                                                                                                                                                                                                                0.20000000 BIAS -
                                                            C.=P.

1, 1

6: i

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21: i

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   64420
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C.
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O.
                                                    47. 1 C. 47. 1 C. 56. 1 C. 57. 1 C. 57. 1 C. 56. 1 C. 57.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                44. 1
49. 1
54. 1
59. 1
64. 1
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3.3902935
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              reaer
              LEVEL
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              LE VE L
                                                             LEVEL 2 PS .
                                                                                                                                                                                                         0.01000000 B:A. .
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                                                      COMP. ULTPUT

i = 2 1.319*77?

i = 15 1.01978

- 2 15 ce
                                                                                                                                                                                                   COMP. OUTPUT
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0 0.
           + 102 15PUT H
                                                                                INPUT HZ
                                                                                                                                                           INDENTIFICATION CORRECT
NEVES+0000C0CCC014 IN
                                                                                                                                                                                                                                                                                                                             1%PICT=000000000CCC1
     LEVEL 1 LUTPLT OUT JF RANGE, NEW BIAS =

CONTROL **OCCOCCOCCOCC*

LEVEL 1 'UTPUT OUT JF RANGE, NEW BIAS =

CONTROL **COCCOCCOCC*

LEVEL 1 'UTPUT OUT UF RANGE, NEW BIAS =

CONTROL **COCCOCCOCC*

LEVEL 1 LUTPUT OUT JF RANGE, NEW BIAS =

CONTROL **CCOCCOCCC*

4 BIAS CHANGES
                                                                                                                                                                                                                                                                                                       -1.33516ACI
                                                        LEVEL 1 HS .
                                                                                                                                                                                                     0.20000000
                                                                                                                                                                                                                                                                                                                                                         -1.33516601
                                                    Ci™P.
                                                                                                            ubiteut
                                                                                                                    0 ms.

2. 1

7. 1

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17. 1

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47. 1
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0.555716
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0.0153873
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11. 1
16. 1
21. 1
25. 1
31. 1
36. 1
41. 1
51. 1
56. 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMP.
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0.0089726
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0.
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39. 4
44. 1
49. 1
59. 1
69. 1
0. 0
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57. 1
62. 1
                                                FEAEF
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0.01000000 RIAS = -0.75858957
         LEVEL 2 MS .
                                                                                                                    COMP. OLTPUT
0.0 0.
                                   COMP. OUTPUT COMP. OUTPUT
2. 2 1.0000000 0. 0 0.
                                                                                         COMP. 0.7PUf
0.0 0.
                   OUTPUT
SUM NO.
                      1.00000
                             *** 103 INPUT V
             INPUT V2
-1.13306503
                   t MS =
                                                    BIAS =
                                     0.20000000
          LEVFL
                                                                                                                     5. 1
10. 1
15. 1
20. 1
25. 1
                                                                                                                                DUTPUT
                                                               COMP.
3. 1
8. 1
                                                                          OUTPUT
                                    CUMP.
                                               OUTPUT
                                                                                                                                       0.576951
                    OUTPUT
                                                                                                4. 1
9. 1
         CUMP.
                                                   0.
           1. 1
6. 1
11. 1
16. 1
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13. 1
16. 1
23. 1
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36. 1
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0.1102393
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0.
0.9934687
                                                   0.
0.5619129
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35. l
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44.
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           30. 1 0. 37. 1 0.
41. 1 0. 42. 1 0
46. 1 0. 47. 1 0.
51. 1 0. 52. 1 0
56. 1 0. 57. 1 0
61. 1 0. 62. 1 0
66. 1 0. 67. 1 0
71. 1 0. 72. 1 0
2 ORITPHY DUT OF RANGE, NEW BIAS =
                                                                    43. 1
48. 1
53. 1
58. 1
63. 1
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                                                                                0.1557350
0.
0.
                                                    0.6393504
                                                                                                                                        0.5694541
                                                                     0. 0
 -2./3831871
                                                         -2.11915934
                                      0.01000000 BIAS # -2.11915934
            LEVEL 2 MS =
                                                                                          COMP. OUTPUT
0. 0 0.
                                                                                                                     COMP. OUTPUT
0. 0 0.
                                     COMP. OUTPUT COMP. 2. 2 0. 0. 0
                                                                          OUTPUT
          COMP. OUTPUT

1. 2 1.0932064

1 15 1.09321

2 15 0.
  SUM NU.
                               INC_NTIFICATION CORPECT
NCYC5=00000C**00014 INDICT=000000000001
   --- 104 IMPUT H3
                INPUT H3
  -0.49458429
                                                         -1.48769721
                                                         -1.23941898
                                                        BIAS = -1.23941898
                                       0.20000000
            LEVEL 1 MS .
                                      COMP.

3. 1

8. 1

13. 1

18. 1

28. 1

33. 1
                                                                                                       OUTPUT CO
1 0.6880642
1 0.
1 0.
                                                                            OUTPUT
                                                 DUTPUT
                      CUTPUT
           COMP.
                                                                                                                                         0.9009876
                        0.1723354
                                                     0.
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15.
20.
25.
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0.
0.6774455
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0.
             16. 1
21. 1
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50.
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0.6877206
0.
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0.51990152

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0.01000000
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                                                                                           0.51990147
                             CUTPUT
               CUMP.
                                                  COMP.
2. 2
                                                                OUTPUT CUMP.
1.0000000 0. 0
                                                                                                   DUTPUT
0.
                                                                                                                         COMP. GUTPUT
                                                                                                                                                            COMP. OUTPUT
0. 0 0.
                  1 . 2
                                0.00/5090
                                0-00751
   *** 105 ENPUT V:
                                         INDENTIFICATION CORRECT
NCYCS=000000000014 IN
                                                                                INDICT = 0000000000001
  -0-17862022
                                                                           -0.39880720
               tfVEL 1 MS =
                                                   0.20000000
                                                                         B145 .
                                                                                         -0.61917418
              COMP.
                            007P01
                                                  COMP.
                                                                OUTPUT
                                                                                                                                       OUTPUT
                                                                                                                               4. 1
9. 1
14. 1
19. 1
24. 1
               1. 1
6. 1
11. 1
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8. 1
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0.7658030
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0.2562613
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0.
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23. 1
28. 1
33. 1
                16. 1
                               0.1050509
                                                                     0.5787740
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34. 1
39. 1
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1.0212440
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47. 1
52. 1
57. 1
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                               0.5421486
                                                                    0.
                                                                                                                                                                                    0.0332340
                                                                                                                                                                                     0.4802989
                  1. 1 0. 72. L
OUTPUT OUT OF RANGE, NEW BIAS =
                                                                    0.
  LEVEL
              2 UUTPUT OUT OF RANGE, NEW BIAS =
CONTROL=000000000001
2 OUTPUT OUT UF RANGE, NEW BIAS =
CCNTROL=000000000001
2 OUTPUT OUT UF RANGE, NEW BIAS =
CONTROL=000000000003
4 OUTPUT OUT OF RANGE, NEW BIAS =
CONTROL=00000000007
2 OUTPUT OUT UF RANGE, NEW BIAS =
CONTROL=00C000000007
2 OUTPUT OUT UF RANGE, NEW BIAS =
CONTROL=00C000000007
2 OUTPUT OUT UF RANGE, NEW BIAS =
CONTROL=00C000000007
2 OUTPUT OUT UF RANGE, NEW BIAS =
                                                                           -0.49999999
                                                                         -24.17943358
  LEVEL
 LEVEL
  LEVEL
                                                                           -4.33492917
              CONTROL -00000000007

2 DUTPUT OUT OF RANGE, NEW BIAS =
CONTROL -000000000007

2 DUTPUT GUT OF RANGE, NEW BIAS =
CONTROL -000000000007

2 DUTPUT OUT OF RANGE, NEW BIAS =
CONTROL -0000000000007
  LEVEL
  LEVEL
  LEVEL
                                                                           -7.56309843
              CONTROL COOODOOOOOO 7
2 OUTPUT OUT OF RANGE, PEN BIAS =
  LEVEL
                                                                           -2.38591537
              CONTRUL -00C0000000007
               LEVEL 2 MS =
                                                  0.01000000 E1AS = -2.18591537
                          CUPP. UUTPUT
1. 2 1.071
SUM NO. 1 15 1.071
                                                                                    COMP.
                                                                                                                        COMP. CUTPUT
0. 0 0
  21.5 *ON MUS
                              с.
  *** 106 INPUT H
                   INPUT HA
                                    INDENTIFICATION CORRECT
NCYCS=000000000014 INDICT=0000000000C1
-0.43980776
                                                                          -1.21755655
                                                                          -1.995 10534
                                                                          -1.50921234
              LEVEL I
                                                  0.20000000
                                                                        # ZAIB
                                                                                       -1.50921234
             CUPP.
                           PURTUR
                                                LOMP.
                                                              DUTPUT
                                                                                    COMP.
                                                                                                  OUTPUT
                                                                   1. 1
                              0.
                                                    ?.
7.
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8. 1
13. 1
18. 1
23. 1
28. 1
33. 1
43. 1
48. 1
53. 1
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22.
27.
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0.
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19.
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29.
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39.
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0.0093905
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42.
47.
52.
57.
62.
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45.
50.
55.
                              0.
0.4233692
0.6926285
                                                                                                                                                                                   0.
0.7001839
0.
0.
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0.
0.
             nc. 1 0. 63.
67e 1 0.6730596 68.
72. 1 0e 0. MEM BLAS = -0.41350174
                                                                                                                                              0.
0.6785990
 LEVEL
                                                                         -0.82700349
```

1 C ...

```
0.01000000 BIAS = -0.8270349
                                           COMP. OUTPUT COMP. OUTPUT
2. 2 1.0000000 0. 0 0.
                         CUTPUT
                                                                                                                                      COMP. DUTPUT
               1. 2
1 IS
2 IS
                            0.
C.
    SUM NO.
                            1.00000
   +++ 107 INPUT V4
MEMPS=00000000000004
                                    INDENTIFICATION CORRECT
NCYCS=000000000014 IN
                                                                     IND: CT =000000000000001
   0.06084843
   0.23790479
   CONTROL=00000000007

LEVEL

CONTROL=000000000007

CONTROL=00000000007

BIAS CHANGES
                                                                  0.25561041
             LFVEL I
                              MS =
                                            0.20000000 81A5 .
                                                                            0.25561041
            COMP.
                        OUTPUT
0.6323965
0.6647751
                                                                                                                    GUTPUT COMP. OI

1 0.0171790 5.1

1 0.3403427 10.1

1 0.0292659 15.1
              1. 1
6. 1
11. 1
16. 1
21. 1
                                                                                                                                                  OUTPUT
                                                                                           0.1287593
3.3215160
                                              2. 1
7. 1
                                                           0.2894084
                                                                                                                                                          0.
0.1268314
0.0752094
0.1372104
                                                           0.
                            0.
0.1426475
                                                                                           0.0176048
                                                           0.2728716
                                                                                                                          0.
0.3021051
0.1834377
0.0937632
                                                                                                                                             20. 1
25. 1
30. 1
35. 1
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0.
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0.
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0.
0.
              31. 1
                                                                                                                                                          0.0484573
                                                           0.2781652
                                                                                                                                             40. L
                           0.
0.0872962
0.0221812
                                                           0.2334838
                                                                                                                                                          0.0331990
                                                                                                                           0.0797065
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0.
1349074
                                             57. 1
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62. 1
67. 1
72. 1
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0.1105037
0.1471853
                                                           0.
0.
0.1396347
                                                                                           ٥.
             66. 1 0.1471853
71. 1 0.
2 UUTPUT OUT JF RANGE,
CONTROL =000000000001
1 BIAS CHANGES
                                                                                                                                             10. 1
                                                                                                                                                          0.0408908
             LEVEL 2 MS =
                                          0.01000000 BIAS = -0.18256199
  COMP. OUTPUT COMP. OUTPUT

1- 2 0-9037481 2- 2 0-096

SUM NO. 1 IS 0-90375

SUM NO. 2 IS 0-09625
                                                       OUTPUT COMP. OUTPUT
0.0962519 0.0 0.
                                                                                                     COMP. OUTPUT
0, 0 0.
                                                                                                                                    COMP. OUTPUT
0. 0 0.
                                   INDENTIFICATION CORRECT
NCYCS=000C00000014 INDICT=000000000001
  *** 108 INPUT H5
MINPS=00000000003
 LEVEL 1 MS .
                                           0.20000000
                                                              BIAS #
           CUMP.
                       UUTPUT
                                          COMP.
                                                      OUTPUT
                                                                       COMP.
                                                                                    BUTPUT
                                                         0.8659768
                                                                                                      COMP.
                                                                                                                  DUTPUT
             1. 1
                          0.
                                           2. i
7. i
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            11. I
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40. 1
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                                            12. 1
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18. 1
23. 1
23. 1
33. 1
38. 1
43. 1
48. 1
33. 1
58. 1
63. 1
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                          0.
0.7518128
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            26. 1
31. 1
36. 1
41. 1
46. 1
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0.
0.
              0.9195445
                                                                                                            54. 1
59. l
2 OUTPUT OUT UF RANGE, NEW BIAS = -0.41416685
CONTROL=000000000001
2 OUTPUT OUT OF NANGE, NEW BIAS = -0.82833374
```

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LFVFL
                                                      0.01000000 BIAS # -0.82833376
                                UUTPUT
                                                    COMP.
2. 2
                                                                UUTPUT :- 0000000
                     1 15
                                                                                                                          COMP.
                                                                                                                                                             COMP. OUTPUT
                                                                                                                                  0.0 0.
                                                                                             0. 0
                                   1.00000
                                            INDENTIFICATION CORRECT
NCYCS=000L10000014 INDICT=000000000001
                        INPUT VS
       MINPS=00000000000002
     LEVEL : UUTPUT UUT OF RANGE, NEW BJAS =

CONTROL=COOQUUCOCOC1

LEVEL : CUTPUT OUT UF RANGE, NEW BJAS =

CONTROL=CCOQUUCOCOC3

LEVEL : CUTPUT OUT UF RANGE, NEW BJAS =

CONTROL=COOQUUCOCOC3

LEVEL : CUTPUT UUT OF RANGE, NEW BJAS =

CONTROL=COOQUUCOCOC7

4 BJAS CHANGES
                                                                             -0.11361305
                                                                             ~0.50618546
                  LEVEL 1 MS .
                                                    0.20000000 BIAS =
                                                                                        -0.40804236
                 CUMP.
                              109100
                                                   COMP.
                                                                 OUTPUT
                                 C.
1.4646219
                  1. 1
6. 4
11. 1
                                                                                                                                       Cuteur
0.
                                                                                                                                                           COMP.
                                                                      0.
0.
                                                                                                                                                                          OUTPUT
                                                                                                          0.
1.0842087
                                                                                                                                                                    5. 1
                                                     7. 1
12. 1
17. 1
22. 1
27. 1
32. 1
37. 1
42. 1
47. 1
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                                 0.
                  16. 1
21. 1
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31.
36.
41.
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70.
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33.
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48.
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63.
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                                                                     0.
0.4078009
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                                 0.
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0.2736873
0.
0.
0.
    0. 57. 1
61. 1 0. 62. 1
66. 1 1.123386 67. 1
71. 1 C. 72. 1
LEVEL 2 DUTPUT DUT UF RANGE, NEW BIAS =
                                                                     0.
   LEVEL 2 DUTPUT OUT UF RANGE, NEW BIAS =

CONTROL=COCOGOOOOOOO

2 DUTPUT OUT UF RANGE, NEW BIAS =

CONTROL = 000000000000

CONTROL = 000000000000

CONTROL = 000000000000

4 BIAS CHANGES
    LEVEL
                                                                          ~1.75140613
                LEVEL 2
                                                  0.01000000 BIAS # -1.75140513
   COMP. OUTPUT
1. 2 1.0831748
SUM NO. 1 IS 1.08317
SUM NO. 2 IS C.
                                                COMP.
                                                             OUTPUT
                                                                                   COMP. OUTPUT
                                                                                                                      COMP, OUTPUT
                                                                                                                                                        COMP. OUTPUT
0. 0 0.
                                                    2. 2
   - + 110 INPUT H6
MINPS=0000000000001
                                        INDENTIFICATION CORRECT
NCYCS=000000000014 INI
                                                                              INDICT=00000000000001
 LEVEL 1 MS .
                                                0.20000000
                                                                      81AS =
                                                                                    -1.45405537
                          0.
0.
0.
             CUMP.
                                               COMP.
                                                             DUTPUT
              1. 1
6. 1
11. 1
                                                                                                OUTPUT
                                                                  0.1825356
0.
0.6696763
                                                                                                                                   DUTPUT
                                                                                                                                                       COMP.
                                                   ?.
                                                                                                                          4. 1
9. 1
14. 1
19. 1
24. 1
34. 1
39. 1
44. 1
54. 1
54. 1
69. 1
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              16. 1
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0.4739079
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25.
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            0.3803685
                                                                  0.2375627
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50. 1
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70. 1
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0.
1 0.6196184
67. 1 0.
72. 1 0.
NEW BIAS =
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48. 1
53. 1
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0.0367619
0.
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0.2093509
0.
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                                                                                      58.
63.
LEVEL
                                                                                                                                                                              0.6312509
reast.
                                                                   -0.64271480
            LEVEL 2 MS .
                                               0.01000000 BIAS - -0.64271480
           CUMP.
                        OUTPUT
                                                 2 2 1.0000000 0.0 C.
                                                                                                                  COMP. 0. 0
                                             LUMP.
                                                                                                                                                     COMP. U.
SUM NO. 1 15
                        ٥.
ن
                                                                                                                                OUTPUT
                                                                                                                                                                   GUTPUT
```

```
SUM NO. 2 IS . 00000
                                                                                    INDENTIFICATION CORRECT
NCVCS=000000000014 INDECT=00000000000001
 *** 111 INPUT V6
MIMPS=000000000014
LEVEL 1 DUTPUT DUT D? RANGE, NEW BIAS =

CONTROL=000000000001

LEVEL 1 DUTPUT DUT OF RANGE, NEW BIAS =

CONTROL=00C000000003

LEVEL 1 DUTPUT DUT UF RANGE, NEW BIAS =

CONTROL=00C000000003

A BIAS CHANGES
                                                                                                                                                               -0.58275731
                                                                                                                                                           -0.86506551
                                     & BIAS CHANGES
                                                                                                                                                                                              -0.88506651
                                                                                                                                                            BIAS '
                              LEVLL 1
                                                                                                           0.20000000
                                                                                                                                                                                                                                                                  COMP. (
4. 1
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1 1-1147087
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                                                                                                         COMP.
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                                                           QUIPUI
                           COMP.
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37. i
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    reaer
    LEVEL
                                                                                                                                                                   -1.49999996
     FEART
     LEVEL .
                                                                                                                                                                BIAS .
                                                                                                                                                                                                   -2.99999991
                                  LEVET 2 MS =
                                                                                                               0.01000000
                                                                                                                                                                                                                                                                      0. 0 UTPUT
                                                                                                                                                                                                                                                                                                                                                  COMP. OUTPUT
0. 0 0.
                                                                                                          COMP. OUTPUT
2. 2 0.
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                                                                                                                                                                                        COMP.
9. 0
                              CUFP. GUTPUT

1. Z 0.9558736

1 IS 0.95587

2 IS 0.
       SUM NG.
                                                                                         INDENTIFICATION CORRECT
NCYCS=000000000014 INDICT=000000000001
       *** 112 INPUT H1
MIMPS=000000000013
                                  -0.41083652
       FEAEF
     -1.97537598
                                                                                                                                                                      -1.5-424112
                                                                                                                                                                     -1.38867369
                                                                                                                                                                      -1.48645741
                                                                                                                                                              BIAS .
                                                                                                                                                                                                 -1.48645/41
                                    LEVEL 1 MS *
                                                                                                                  0.20000000
                                                                                                                                                                                                                                                                        COMP. (
4. 1
9. 1
14. 1
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64. 1
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0. 0
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3.
8-
13.
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                                                                                                                                                                                                                                                                                                                                                      COMP.
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                                                                                                                COMP.
                                                                                                                                               OUTPUT
                                 COMP.
                                                                 DUTPUT
                                                                                                                                                                                                                                                                                                                                                                           5.
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                                                                                                                       2. 1
7. 1
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17. 1
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32. 1
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16. 1
15. 1
20. 1
25. 1
30. 1
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0.7119295
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                                    1. 1
6. 1
11. i
16. 1
21. i
26. i
36. i
41. i
46. i
51. i
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                                                                         0.7164168
0.
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0.
( '-07457
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18.
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28.
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28. 1
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43. 1
68. 1
53. 1
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0.
0.
0.3510867
0.5066143
                                                                         0.1818682
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0.
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45.
50.
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                                 38
31. 1 0. 47. 1 0. 48
51. 1 0. 52. 1 0. 53
56. 1 0. 57. 1 0. 58
61. 1 0.6146519 62. 1 0. 63.
66. 1 0. 67. 1 0. 68.
71. 1 0. 72. 1 C. 68.
71. 1 0. 72. 1 C. 0. 18701520
CONTROL.00000C000001
2 DUTPUT OUT UF RANGE, NEW BIAS = -0.18701520
CONTROL.00000C000003
2 BIAS CHANGES
                                                                         0.
0.
0.
                                                                                                                                                                                                                                           0.6773839
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            FEAEL
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LEVEL 2
                                             MS =
                                                              0.0000000
                                                                                       BIAS * -0.37403841
                                                                                                                                            COMP. ...
                                     UUTPUT
                                                                                 TPUT COMP.
1.0000000 G. 0
                                                                                                                                                             OUTPUT
                                                                                                                                                                                                     OUTPUT
                                        o.
o.
                                         1.00000
                                                   INDENTIFICATION CORRECT
YCYCS-00000000001 INDECT=000000000001
        *** 113 INPUT V1
MINPS=U000000000012
       -1.07154503
                      LEVEL 1 MS .
                                                              0.20000000
                                                                                      BIAS .
                                                                                                         -1-07154503
                    COMP.
                                                                                                    COMP.
                                                                                                                    OUTPUT
                                    JUTPUT
                                                            COMP.
                                                                                                                                                                                    COMP.
                                                                            OUTPUT
                                                                                                                                            COMP.
                                                                                                                                                            GUTPUT
                                                                                                                                                                                                   OUTPUT
                      1. 1
6. 1
11. 1
16. 1
                                        0.
                                                                2. 1
7. 1
12. 1
17. 1
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10. 1
15. 1
20. 1
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0.
0.
0.
0.8583176
0.
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28. 1
33. 1
35. 1
43. 1
48. 1
53. 1
                                                                                  0.6850486
                                                                                                                                                   24. 1
29. 1
34. 1
39. 1
44. 1
49. 1
59. 1
64. 1
69. 1
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30. 1
35. 1
40. 1
45. 1
50. 1
55. 1
60. 1
65. 1
76. 1
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0.
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0.
0.
                                                                                                                                                                                                               0.7796327
0.
0.
                                                                                                         58. 1
63. 1
68. 1
                                                                                                                           0.
0.2894417
0.6370880
                                                                                                                                                                     0.
0.9771125
0.
                                                                                  0.5040992
                                                                                        -1.49999996
                                                                                      BIAS .
                                                                                                       -2.99999991
                                                                                                                                           COMP. 0. 0
       COMP. OUTPUT
1 2 1.0327549
SUM NO. 1 IS 1.03275
SUM NO. 2 IS C.
                                                           COMP. OUTPUT
                                                                                                                                                           OUT PUT
0 0.
                                                                                                   COMP.
                                                                                                                   OUTPUT
                                                                2. 2
                                                                                                          0. 0
       *** 114 [NPUT H2
MINPS*000000000011
                                                 INDENTIFICATION CORRECT
NCYCS=080000000014 INDICT=000000000001
      LEVEL 1 DUTPUT DUT OF RANGE, NEW BIAS *

CONTROL=00000000001

LEVEL 1 DUTPUT DUT UF RANGE, NEW BIAS =

CONTROL=00000000003

LEVEL 1 DUTPUT DUT UF RANGE, NEW BIAS =

CONTROL=00000000003

LEVEL 1 DUTPUT DUT UF RANGE, NEW BIAS =

CONTROL=0000000000007

A BIAS CHANGES
                                                                                        -0.39506543
                                                                                        -1.40661789
                     LEVEL 1 MS =
                                                             0.20000000
                                                                                     BIAS =
                                                                                                        -1.40661789
                   COMP.
1. 1
6. 1
11. 1
                                    OUTPUI
                                                           COMP.
                                                                           OUTPUT
                                                                                                   COMP.
                                                                                                                    OUTPUT
                                                                                                                                           COMP.
                                                                                                                                                           SUTPUT
                                                                                                                                                                                   CCMP.
                                                                                                                                                                                                   OUTPUT
                                                                                                        3. 1
8. 1
13. 1
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36. 1
48. 1
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44. i
54. i
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0.3842217
                                                              12. 1
11. 1
22. 1
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42. 1
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57. 1
62. 1
62. 1
                                       0.1021321
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                                                               72. 1 0.4099844
NEW BIAS = -0.44566
       FEAEL
                     2 OUTPUT OUT OF RANC , NEW BIAS = CONTROL = COOCHOOOGO 1 2 OUTPUT GUT OF RANGE, NEW BIAS = C"NT"OL = COOCHOOOGO 3
                                                                                    -0.89132501
                         2 BLAS CHANGES
```

```
LEVFL 2
                                   MS -
                                                  0.01000000
                                                                      BIAS - -0.89132501
              COMP.
                            CUTPUT
                                                 COMP. DUTPUT
2. 2 1.00
                                                                  TPUT COMP. OUTPUT 1.0000000 0.0 0.
                                                                                                                                                       0. 0 C
                                                                                                                     COMP. CUTPUT
0. 0 0.
                 1. ?
1 15
2 15
                                0.
0.
1.00000
    *** 115 INPUT V2
REMPS+000000000010
                                         INDENTIFICATION CORRECT
NCYCS=000000000014 INC
                                                                              INDICT=00000000000000
   -0.37533773
                                                                        -0.73477395
                                                                         -1-09421016
                   3 BLAS CHANGES
                                                                                                                                                      COMP.

5. 1
10. 1
15. 1
20. 1
25. 1
30. 1
40. 1
45. 1
50. 1
55. 1
70. 1
9. 0
                LEVEL & MS .
                                                 0-20000000 B1AS =
                                                                                      -1-09421016
              CUMP.
                            OUTPUT
                                                                                  3. 1
8. 1
13. 1
                                                COMP.
                                                              QUIPUT
                                                                                                                                   CUTPUT
                                                                                                                                                                     OUTPUT
                1. 1
6. 1
11. 1
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7. i
12. i
17. i
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44. 1
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54. 1
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0.4536512
                               0.
0.
1.(516626
                                                                  G.
0.5776545
                                                                                                       0.1408403
                                                    27.
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0.7204798
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                                                   32. 1
37. 1
42. 1
47. 1
52. 1
                31. 1
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                                                                                                       0-2444111
                                                                                       38. L
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0.
0.
0.2803550
                                                                                       43. 1
48. 1
 0.7362937
                                                                                                                                                                              0.5692769
                                                                         -0-49999999
                                                                       -10.53318477
                                                                        -2.06457400
        . CONTROL=0000000000007
              LEVEL 2 MS .
                                                0.01000000 8145 * -2.34686103
             COMP. UUTPUT COMP. OUTPUT 1. 2 1.0534697 2. 2 0. 1.05347 2. 2 15 0.
                                                                                 'OMP OUTPUT 0. 0.
                                                                                                                   COMP. DUTPUT
                                                                                                                                                     COMP. OUTPUT
0. 0 0.
  SUM NO.
 *** 116 ENPUT H3
MINPS=0000000000007
                                      INDENTIFICATION CURRECT
NC4CS=00000000J014 INS
                                                                           INDIC #=00^0000000001
-1.01342389
                                                                       -1-2702:085
             LEVEL 1 MS .
                                               0.20000000
                                                                     BTAS %
                                                                                  -1-27021085
            COMP.
                          OUTPUT
                                                                                                                                CUTPUT CB
1 0.7214759
1 0.6
1 0.
1 0.
1 0.
1 0.
1 0.
1 0.
1 0.
                                                                                                                                                     CBMP. OR 10% L 15% L 20% L 25% L 17 30% L
                                                                                CISMP.
                            0.
0.5080166
0.
0.
                                                                                              CUTPUT
                                                 2. 1
7. 1
12. 1
                                                                                                                                                                  OUTPUT
                                                                                                    0.1534753
                                                                0.
                                                                                                                                                                           0.9049462
0.9049462
0.
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19. 1
24. 1
29. 1
34. 1
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0.7327609
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27, 1
32, 1
37, 1
42, 1
47, 1
52, 1
57, 1
62, 1
67, 1
72, 1
             16. 1
21. 1
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53 · 1
68 · 1
68 · 1
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О.
                            0.1434868
46. I 0.1434868 47. I 0.
51. I 0. 52. I 0.
56. I 0. 57. I 0.
61. I 0. 62. I 0.
66. I 0. 67. I 0.
71. I 0. 67. I 0.

LEVEL 2 DUTPUT OUT OF RANGE, NEW BIAS =
CONTROL=0000000001

LEVEL 2 OUTPUT DUT OF RANGE, NEW BIAS =
CONTROL=00000000003
2 BIAS CHANGES
                                                                                                                                        0.
0.
0.0128628
                                                                                                                         49.
                                                                                                    0.
                                                                                                                        59.
59.
64.
                                                                                                    0.3191781
                                                                                                                                                                           0.7672876
0.
0.
                                                                                                                                                            65. 1
70. 1
9. 0
                                                                                                                                        o.
                                                                      0.37080507
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0.01003000 RIAS -
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                                                                   Output
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Co
U.
                                                 1.000000C 6
          COMP.
                                   TURTUR 2 . 2
                                                                                        COMP. CUTPUT
0. 0 0.
            1. 2
1 15
2 15
                       1.00000
 *** 117 [NPUT V3
                            -0 1853726
                                                    -0.66173392
          LEVEL 1 MS .
                                    0.20000000 BIAS =
                                                                 -0.68173392
         CCmb.
                                   COMP.
                                              OUTPUT
                                                             COMP.
                                                                        UUTFUT
                                                                                                   OUTPUT
          10 1 6. 1 11. 1 160 1 21. 1 26. 1 31. 1 36. 1 41. 1 56. 1 51. 1 56. 1 66. 1
                                                 0.
0.
0.
0.7169=65
                      c.
                                       2. i
7. 1
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9. 1
14. 1
19. 1
24. 1
29. 1
34. 1
39. 1
44. 1
54. 1
59. 1
64. 1
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0.9022186
                                                                                                                                    0.2647499
                                                                                                                        10. 1
                                      12.
17.
22.
27.
                                                                             C.
O.
                      0.0584956
                                                                                                                        20. 1
25. 1
30. 1
35. 1
40. 1
55. 1
56. 1
55. 1
60. 1
65. 1
70. 1
                      C.
C.
Q.2746729
                                                 0.7169465
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1.1058497
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0.4687509
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0.
32.
37.
                                                                                                                                    0.5635890
                                                      -2.99549491
            6 BLAS CHANGES
          LFVEL 2 45 .
                                   C-01000000 B'AS =
                                                               -2.74999991
                                                                                       COMP.
0. 0
        COMP. OUTPUT
                                                             COMP. OUTPUT
0. 0 G.
                                                                                                  OUTPUT
                                                                                                                        0.0 0.
SUM NO. SUM NO.
*** 118 INPUT H4
#INPS=0000000000055
                            INDENTIFICATION CORRECT NCYCS-000000000014 INDICT-000000000001
       -0.44130120
LEVEL ..
LEVEL
                                                      -2.06671590
LEVEL.
LEVEL
        CONTROL = GOOGOGOOOOOT

1 UUTPUT OUT OF RANGE, NEW BIAS =

CONTROL = COOGOGOOOOOT

6 BIAS CHANGES
LEVEL
                                                      4.55877382
         LEVEL 1 MS .
                                   0.20(00000
                                                    BIAS # -1.55877382
                                                                                                                5. 1
10. 1
15. 1
        CO™P.
                  OUTPUT
                                  COMP.
                                             OUTPUT
    CUMP.
                                                                                                                           DUTPUT
          1. 1
                                                0.0.0.0.0.0.0.0.0.
                                                                 3. 1
8. 1
                                                                            0.3947784
                                                                                                       10.
15.
20.
                                                                           0.0.0.0.0.
                                                                13.
                                                                                                                                   0.6363307
                                                                                                                       30. 1
35. 1
40. 1
45. 1
50. 1
55. 1
60. 1
65. 1
70. 1
                                                                                                                                   0.6695907
                                                                                                                                   0.
                                                0.5809921
0.
0.
0.
0.5706672
LEVEL
                                                    -0.96252552
LEVEL
                                                   -1.19376H28
```

. . .

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```
LEVEL 2 MS .
                                                          0.01000000 BIAS = -1.19378828
             COMP. 0
1.2
. 1 15
. 2 15
                                                        COMP. OUTPUT COMP. OUTPUT
2- 2 0.9553471 0.0 0.
                                                                                                                                                                                       COMP. OUTPUT
                               001901
                                                                                                                                            COMP. CUTPUT
C. C O.
                                  C.
6.
C.95535
 SUM NO.
*** 119 IMPUT V4
                      INPUT V4
                                              INDENTIFICATION CORRECT
NCYCS=000000000014 INE
                                                                                             INDIST = 00000000000001
LEVEL L MS .
                                                          0.20000000
                                                                                   BIAS -
                                                                                                         0.05689910
                                                                                                                   Output COMP. C
0.132-367 4.1
0.4848398 5.1
0. 14.1
0. 24.1
0. 29.1
0. 34.1
                                                        20 L
7. 1
12. L
17. 1
                                                                                                                                                                              CUMP. 00
5. 1
1805442 10. 1
15. 1
20. 1
1872193 25. 1
2729050 30. 1
0513097 35. 1
              COMP.
                               DUTPUT
                                                                         OUTPUT
                                                                                                                                                              CUTPUT
               1. 1
6. 1
11. 1
16. 1
21. 1
                                                                                                                                                                                                        OUTPUT
                                  0.
0.e098386
                                                                               0.5256546
0.
0.
0.
0.1364228
                                                                                                                                                                       0.
0.1805442
                                                                                                                                                                                                                    0.
                                                                                                        8. L
13. L
18. L
                                                                                                                                                                                                                    0.0591679
0.0117519
0.1350383
                                                                                                                                                                        0.1805442
0.
0.
0.4872193
0.2729050
0.0513097
                                   0.
0.1393811
                                                                               0.
                                                                                                        23. 1
28. 1
33. 1
                                                            22. 1
                                   a.
                ii. i
                                  ٥.
                                                            32. 1
                                                                                                                                                                                                                    0.
                36. 1
                                  c.
                                                            37. 1
                                                                               0.1667370
                                                                                                        38. l
                                                                                                                           0.
                                                                                                                                                     39. 1
                                                                                                                                                                        0.
                                                                                                                                                                                                 40. 1
                                                                                                                                                                                                                    ٥.
              36. 1 C. 37. 1 6
41. 1 C. 42. 1 6
46. 1 0. 47. 1 6
51. 1 0. 52. 1 6
56. 1 0. 57. 1 6
61. 1 0.0296254 62. 1 6
64. 1 0.1371808 67. 1 771. 1 0.
2 OUTPUT OUT OF MANGE, NEW BIAS =
                                                                                                        43. 1
48. 1
53. 1
58. 1
63. 1
69. 1
                                                                                                                                                     64. 1
49. 1
54. 1
59. 1
64. 1
69. 1
                                                                                                                                                                                                 45. 1
50. 1
55. 1
60. 1
65. 1
70. 1
                                                                                0.3871509
                                                                                                                            0.
                                                                                                                                                                        o.
o.
                                                                                                                                                                                                                     0.4869135
                                                                               0.
                                                                               0.
0.
0.1381329
0.1266708
                                                                                                                                                                        0.1174701
** CONTROL *00C000000C01
                   1 BIAS CHANGES
                LEVEL 2 MS =
                                                        0.01000000 8145 + -0.53290822
COMP. OUTPUT
L. 2 0.4372158
SUM NO. 1 IS 0.43722
SUM NO. 2 IS 0.56276
                                                       COMP. OUTPUT
2. 2 0.56
                                                                              ITPUT COMP. OUTPUT
0.5621842 0.0 0.
                                                                                                                                                             CUTPUT
                                                                                                                                            COPP. (
                                                                                                                                                                                       COMP. OUTPUT
                             0.43722
0.56278
                                                    IDENTIFICATION INCORRECT.
   MEM G-WEIGHTS FROM MESULT OF IMPUT 120
                COMPONENT 1. 1 G-WEIGHTS
                                                                      0.51788330
0.50105286
-0.50091553
0.48864746
0.48864746
-0.50749207
                                                                                                                     0.56275830
0.49572754
-0.49334717
0.48864766
0.51862935
-0.56749207
                                                                                                                                                                   0.49572754
-0.50091553
-0.50091553
0.48864746
0.51882935
-0.47732544
                                                                                                                                                                                                                 0.49572754
-0.50091553
-0.50091553
0.51882935
-0.50749207
                         0.49571228
G.49572754
-0.50091553
-0.50091553
                         0.48864 :46
                COMPONENT 2. 1 G-WEIGHTS
                                                                       0.22088623
0.29092407
-0.76400757
0.14149475
0.49285089
-0.44183350
                                                                                                                                                                   0.73013306
-0.80270386
-0.65811157
0.86616516
0.13949585
-0.44950867
                         1.00000000
                                                                                                                      0.40966797
                                                                                                                                                                                                                   0.24575806
                        1.0000000
0.2113C*1
-0.86%1121
-0.03465271
0.47074190
-0.42124339
-0.44183350
                                                                                                                     0.40966797
0.89128113
-0.21075914
0.86616516
0.15686035
-0.44947815
                                                                                                                                                                                                                 0.24575806
-0.06205750
-0.66307068
0.86616516
-0.50932312
-0.83721924
                                                                       -0.44950867
                COMPONENT 3. 1 G-METGHTS
                        0.52653703
0.52377319
-0.26202393
-0.56144714
0.56852722
-0.78250122
-0.43339539
                                                                       0.50601196
0.87609863
-0.48365784
                                                                                                                     0.38049116
0.43077087
-0.65802002
                                                                                                                                                                                                                   0.26461792
                                                                                                                                                                    0.49165344
                                                                                                                                                                                                                 0.26461792
-0.62806702
-0.49246216
0.49002075
-0.40585327
                                                                                                                                                                   0.
-0.91427612
                                                                                                                     0.82327271
0.24157715
-0.43339539
0.
                                                                                                                                                                    0.82327271
0.32003734
0.35058594
0.
                                                                        0.73326111
                                                                      -0.40585327
-0.78250122
```

0.46209717 0.51441956 -0.67056274 0.52772522 0.51573181

· 0 - 622222290

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COMPONENT 4. L G-MEIGHTS

0.44898987

0.4489887 0.48818970 -0.41865235 0.52166746 0.50967407 -0.55003357 -0.55180359

0.60900879

0.60400K79 0.49540710 -0.62717712 -0.60844421 0.43550110 -0.55180359 -0.54377747

0.50799561

-0.61752319 -0.24250793 0.53004456 0.51147481

-0.63432312

0.47383118 0. -0.62009667 0.44813539

-0.54597473

0.42158508 0.41986084	3-41486084	0.43397522	0.44589233	
-0.56719971	0.62599182 -0.40719604	0.44374034	-0.49853516	0.7890777
-3.2972#699	3.79999779	-0.543 65845 0.794 987 79	-0.59385482	-0.5247 8 02 -0.5174560
0.79998779 -0.58782359	0.79998779	0.79998779	G. O.	0.
-0.63255310	0. -6.63255310	-0.63255310	-0.46331767	-0.4633178
COMPONENT 6. 1 5	-mElGHTS	0.	U.	-0.5 878295 0.
0.45297791	0.365/3792			
0.40597507	0.89147786	0.09205627 C.	0.00244446	1.0000000
-0.41827393 -0.51016235	0.	-0.56475830	-0.43446240 -0.50044250	-0.7037811
0.96717234	0.21752930 0.27615356	0.96977734	0.27615356	-0.8640888
-0.54803467	-0.54803467	0.27615356	0.50720215	0.5072021
-0.90765381	-0.41598511	-G.48420715 O.,	-0.54803467 0.	-0.5480346
	=€ I GHTS			0.
1-00000000 0-3671570	3.85056519	0.91648755	0.22515869	
-0.64367676	0.21629333 -0.6427749	G-21696472	-0.64132690	0.22578430 0.
-0.64689966	0.66024780	-0.64451599	-0.64476013	-0.14701355
0.6798075 <i>1</i> -0.50828552	0.55922546	G.66C44617 O.	0.6 798 0957 0.	C-66044617
-0.50213623	-0.50213623 -0.50065613	-0.50090027	-0.50065613	-0.47686768 -0.50828532
COMMUNICATION		0.	0.	0.
0.34574890	1ETGHTS			
0.77420532	C+32162475 C+95365906	C-48345947	0.35739136	0.36853027
-0.67379761	-0.62159729	0.39031962 -0.62457275	-0.57960510	-0.19537354
-0.53227234 0.33715#20	2.3371562C	0.06175232	-0.10760010	-0-67012024
-0.74891663	C-73648071	0-69442749	0 • 7364 8 071 0 • 098 15979	0-99826050
-0.42251507	-0.46092651 -0.46092651	-0.47705078	-0.74891663	-0.47/05078 -0.16360474
COMPONENT TO E G-M	EISHTS	0.	0.	0.
C-43918882	C.87L98694			
0.33921914	0.06799316	0.99662781 0.47828674	0.36431885	0.44274902
-2-50094604 -0-58406067	-9-42443848	-0.59928894	-0.597610+7 -0.67:11206	0.
0.02436829	1.0C000000 0.9268798F	0.	0.02436829	-0.62251282 1-00002000
-0.78228760 -0.59554727	-0.59594727	0.02436829 -0.07266235	1-00000000	0.
	-0.59596727 EIGHTS	0.	-0.76121521 0.	- 0.59594727 0
2.99859619				
0.99859619	0.00123596	0-49859615	0.00216675	0.99859619
-0.04889526	-0.67672729	0. -0.00285339	-0.65010071	-0.7316436R
-0.68107665 0.15734863	5.63791931	0.77093506	-0.58001709	-0.02865601
-0.6 246562	0.63231931 -0.60099792	0.77093505	0.43873596 0.43873596	0.15734863
-0.60099797	-0.60002136	-0.60002136 0.	-0.06417847	~0 -60 09 979 2 -0.28021240
COMPONENT LL. 1 G-HE	IGHTS	••	0.	0.
0.35932922	0.35208130			
0.31005859	1.00000000	C- 35208130	0.28153992	0.34487915
-3.56884766 -0.57723939	-0.57234192	1.00000000 -0.56585693	-0.56451416	-0.59336853
0.58918762	0.58918762	0.58918762	-9.55780029 0.57482910	G.
-0.52438843	0.54136658 -0.54672241	0.52700806	0.	0.58918762 -0.47541809
-0.52 338843	-0.47541809	-0.49276733 0.	-0.47541809 0.	-0.47541809
COMPUNENT 12., 1 G-WE	LSHTS		••	0.
0.35937500 0.37928772	0.38323975	C-35643005	0 7043336	
-3.7928772 -3.75885010	0.37578418 -0.77217102	J.35612488	0.78672791 0.	1.00000000
-0.67645264	9.	-0.76797485	-0.28077698	0. -0.74375916
0.67456055	0.72474670	0. 0.64169312	0.72474670	0.55947712
-3.53604126 -0.62973022	-0.62973022	-0.49952698	0.67456055 -0.4017 9 443	-0.40179443
	-0.40179443	0.	0.	-0.49952698 0.
COMPONENT 11. 1 G-WEI				·-
0.3884AH77 0.569C1550	0.43605042	0-45640564	0.57922363	_
-0.44476318	0.4499054C -0.53431702	0.55978040	-0.54269409	0.56159973 -0.479415#9
-0.48605347	0-20079041	-0-45362854 0-91352844	-0.46156311	-0.59751892
0.60920715 -0.69335938	0.91352844	0.46066711	0.48066711 0.20079041	0.20079041
-0.25927734	-0.96275330 -0.25927734	-0.5644683A	-0.28372192 0.	-0.28372192 -0.69335938
OMPONENT 14. L G-HEI	GHT \$		V•	0.
0.53689575 0.51225281	0.37059021	0.73056030	0.44=====	
-0.55278015	0.45376587	0.46514893	0.46750396 -0.52507019	0.46293640
-0.53219604	~0.36555481 0.11167908	-0.53889465	-0.46162415	-0.55075073 -0.47309875
0.269805/1	0.64491272	0.	0.70118713	0.84257507
-0 SSH104 -		(r. 47431441		
-0.55810547 -0.40966747	-0.40966797 -0.40966797	G.92431641 -0.40966797 0.	0.50549316 -0.69699097	~0.54806519 ~0.55810547

,

COMPONENT 15 1	G-WEIGHTS			
0.30001#31	0.26354980	0.59016418	1.20000000	9.30439758 -0.52718738
0.25195313	1.00000000	0.2#941345 -0.5C572205	-G.341323 8 5 -G.54121734	-0.52531933
-0.5584259C -0.47651672	0.	0.59376574	0.4855.636	C.71853638
0.71853438	0.68667603	0.59376526 -0.48115540	0.00 173"; -0.43351636	-0.48019409 -0.47685242
-0.47605242 -0.58412170	-0.58412170 -0.48115540	C.	0.	0.
COMPONENT IA 1	G-welGHTS			
COMPONENT 16. 1			0.4444.004.4	C. 26477295
0.96730042	0.41809082 0.51911926	0.43713379 0.47508240	0.64649943 -0.57223511	-9.55503445
0.55145444	-0.53214553	-0.61082458	-0.52767817	-0.604-#374
-0.58750716	0.57019043	0.54634094	0.63957214	0.38018799 -0.463G7373
0.57019043 -0.637405+0	0.54634094 -0.46307373	-9.43746845	-0.463.7373	-0.63740540
-0.43542460	-0.46307373	0.	0.	0.
COPPONENT LT . L	G-dE GATS			
0.56068420	0.51020013	04470215	C.52043152	0.52943157
2.45353699	0.45498657	0.53495789	-0.58750916	-0.46837267 -0.49957275
-0.47686768 -0.48214722	-0.50602722 G.	-0.56236267 0.50397034	-G.416625 98 G.	0.74844033
0.99769592	0.99769592	0.	0.95176697	-0.636-2466
-3,49559021	9. -0.65652466	-0.65652466 0.	-0.346569 8 2 G.	-0.65c.2466 0.
-0.03172667	-0.63072400	••		
COMPONENT 18. 1	G-WEIGHTS			
0.42355347	0.37432861	0.51899719	G.54301453 -0.58535767	C.61293030 -0.58612061
0.52117→20 -0.38616943	0.50865173 C.	0.4972 9 919 -0.5995 9 412	-0.58689880	-0.64653696
-3.40920715	0.75724792	0.75724792	0.75724792	0.75724792 -0.43521442
0.45933533 -0.50447083	0.51165771 -0.52345276	0- -0.29151917	0. -0.33129883	-0.68603464
-0.50447083	-0.52345276	0.	0.	0.
COMPONENT 19. 1	G-WEIGHTS			
0.40065092	0.40797424	0.36669922	0.37945557 -0.54124451	0.7669148 -0.43887634
0.35177612 -0.50543213	G-39237976 -0.47785950	0.73414307 -0.49420166	-0.47883606	-0.49928284
-0.51425171	G-14968872	0.98831177	0.98831177	0.31730652 -0.59599304
0.45167542	5.83535767 -0.04870605	C.11962891 -6.75927734	0.14968872 -0.59599304	-0.04879605
-0.62583923 -0.72943115	-0.59594304	0.	C -,	0.
COMPONENT 20. 1	G-weights			
		0.40044431	0.50988770	0.58120728
3.50476074 3.58503723	0.49803162 0.55169678	0.49966431 0.26968384	-0.54902649	-0.60221863
0.	-C.550399?8	-0.45561218	-0.65997314	-0.58268738 0.34719849
-0.6C^35188 3.62272480	0.62886047 0.54602051	0.54789579 0.34121704	0.54780579 0.41813660	-0.47204590
-3.46781721	-0.67344666	-0.47204590	-0.47204590	-0.46781971
-0.58335876	-0.39136794	0.	0.	0.
COMPONENT 21. 1	G-WEIGHTS			
0.25779724	0.94062805	0.26133728	0.41134644	1.00000000
0.52091980	0.33108521	0.27635547	-0.59700012 0.	-0.59700012 -0.55032349
-0.56016541 -0.55770874	-0.58862305 1.00000000	-0.54914856 1.00006	0.	0.
0.	0.	1.0000001.0	1.0000000	-0.63740540 C.
-0.68446350 -0.63740540	-0.68446350 -0.68446350	-0.67176819 0.	0. 0.	0.
COMPONENT 22+ 1				1.00000000
0.44624329	0.74183655 0.17477417	0.17477417	0.1747741? -0.55828857	-0.56404114
J.28755188 -J.57574463	e.	-0.57575989	-0.5746.548	-0.57575989
-0.57575989	0.27766418	0.93392944	0.93392944 0.32142639	0.37776184
0. -3.77670288	0.2/132874 -0./7670288	-0.11648560	0.	0.
-3.77670286	-0.77670288	0.	0.	0.
COMPONENT 23.	G-WEIGHTS			
0.43023682	0.42107680	0.43482971	0.97349548	0.41926575
0.43441772	0.43708601	0.44952393 -0.56021118	-0.51161194 -0.51641846	-0.43545532 -C.48930359
-0.48916626 -0.55766296	-U.44010925 0.68235779	0.68235779	0.84118652	0.75299072
0.62821960	0.11256409	0.19425964	0.10603333 -0.48866272	-0.54280090 -0.48*66272
-0.48710144 -(.48866277	-0.48866272 -0.53172302	-0.488662// 0.	0.46666712	0.10 002 1
COMPONENT 24.				
•		0 43453030	0.37026672	0.69116211
0.43254089	0.69325256 0.49093628	0.63652039 0.50131226	-0.01887512	-0.60237122
-2.37533569	-0.57202148	-0.6573333/	-0.49880981	-0.50697327
-0.76826477	0. 0.82684326	^.82684326 0.39146423	0. 9146423 0.36824036	0.36824036 -0.40020752
0.82684326 -0.36701965	-0.37060547	-0.86213684	-0.86213684	-0.40020752
-3.36701465	-0.37060547	0.	0.	٥.

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0.44338988 -0.57000112 -0.38557.934 0.75822457 0.14793394 -0.41450085 0. 0.492802273 -0.51954651 -0.52822385 0.62323050 0. -0.59830470 0. 6.37113953 -0.45249939 -0.51940918 1.06000000 -0.62549927 0. 0. 0.33808899 -0.55383911 -0.46117659 0. 0.85599229 -0.17249756 0.	0.47775241 -0.425223 -0.58583044 0.5177.453 -0.5176453 -0.38798523 0. 0.40090437 -0.49511719 -0.3856732 0.5744797 -0.51724797 -0.52188110 -0.44834900 00.70910645 -0.7091545
-0.57000 rsz -0.38557-ssa 0.57672-ssz 0.1479396 -0.41650085 0. 0.51954-51 -0.5282385 0.5282385 0. -0.595304-9 0. 6.37113953 -0.45249939 -0.51964918 1.000000000 -0.62549927 0. 0.33808899 -0.5383911 -0.46117559 0. 0.85597229 -0.1-249756	-C.4385234 -C.588304 -C.5872 131 -C.5176453 -C.36798523 -C.36798523 -C.49511719 -C.49511719 -C.49512719 -C.5764967 -C.50724797 -C.52188110 -C.46834900 -C.70910645 -1.70913645 -C.
-0.57000 rsz -0.38557-ssa 0.57672-ssz 0.1479396 -0.41650085 0. 0.51954-51 -0.5282385 0.5282385 0. -0.595304-9 0. 6.37113953 -0.45249939 -0.51964918 1.000000000 -0.62549927 0. 0.33808899 -0.5383911 -0.46117559 0. 0.85597229 -0.1-249756	-C.4385234 -C.588304 -C.5872 131 -C.5176453 -C.36798523 -C.36798523 -C.49511719 -C.49511719 -C.49512719 -C.5764967 -C.50724797 -C.52188110 -C.46834900 -C.70910645 -1.70913645 -C.
-0.3657-% % 0.57672637 0.14793396 -0.41450085 0. 0.49780273 -0.51954651 -0.52882385 0.67328050 0. -0.595304-0 0. 6.37113953 -0.4524939 -0.513941918 1.06000000 0.605549927 0. 0.33808899 -0.5383911 -0.466177559 0. 0.85597229 -0.1-249756	-C.4385234 -C.588304 -C.5872 131 -C.5176453 -C.36798523 -C.36798523 -C.49511719 -C.49511719 -C.49512719 -C.5764967 -C.50724797 -C.52188110 -C.46834900 -C.70910645 -1.70913645 -C.
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0.1479396 -C.41650085 0. 0.49780273 -0.51954651 -C.52882385 C.62328050 0. -0.59530470 0. 6.37113953 -0.45249939 -0.51948918 1.000000000 -C.62549927 0. 0.33808899 -0.5383911 -G.46117859 0. 0.85597229 -0.17249756	0.517/ 131 -0.51176453 -0.38798523 C. 0.80030637 -0.49511719 -0.35587952 0.5764967 -0.50724797 -0.53993225 2- 0.46645313 -0.52188110 -0.46834900 0. -0.70910645 -1.70913665 C.
-C.41450085 0. 2.49780273 -0.51954051 -C.52822305 C5232305C 00.59530470 0. 6.37113953 -0.45249939 -0.51940918 1.06000000 -0.60549927 0. 0.33808899 -0.55383911 -0.46617859 0. 0.85587229 -0.17249756	-0.51176452 -0.38798523 -0.38798523 -0.49511719 -0.38567952 -0.5764792 -0.5993225 -0.5993225 -0.46834900 -0.46834900 -0.70910645 -0.70913645
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0.49780273 -0.51954651 -0.52882385 0.62328050 00.59530470 0. 6.37113953 -0.4524939 -0.513941918 1.00000000 0.605549927 0. 0.33808899 -0.5383911 -0.46117559 0.85597229 -0.17249756	0.60090617 -0.49511719 -0.3956732 0.57649067 -0.50724797 -0.51993225 0.58445313 -0.52188110 -0.44834900 0. -0.70910645 -1.70913645 0.
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-CS/88/2385 C6/23/2605C C	-0.38561752 0.5764907 -0.5072477 -0.53993725 2- 0.46445313 -0.52188110 -0.44834900 0. -0.70910645 -1.70913645
6.8732805C 6. -0.59530470 0., 6.37113953 -0.6524939 -0.51940918 1.06000000 -0.60549927 0. 0.33808899 -0.55383911 -0.46417659 0. 0.85597229 -0.17249756	0-57649067 -0-50794797 -0-53993225
-0.59530470 0. 6.37113953 -0.4524939 -0.51394938 1.00000000 1.00000000 -0.65549927 0. 0.33808899 -0.5383911 -0.466117559 0. 0.85597229 -0.17249756	-0.5074797 -0.53993775 -0.53993775 -0.52188110 -0.44834900 -0.70910645 -0.70913645 0.
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0.37113953 -0.45249939 -0.51940918 1.00000000 -0.60549927 0. 0.33808899 -0.55383911 -0.46117559 0.85593229 -0.1-249756	0-4645313 -C.52188110 -C.4483490C -C.70910645 -D.7091J645 C.
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-0.4524939 -0.51940918 1.00000000 1.00000000 -0.62549927 0. 0.33808899 -0.45383911 -0.46417859 0. 0.85587229 -0.1-249756	-C-52188110 -C-4483490C -C-70910645 -1-70913645 -C-
-0.519-0918 1.00000000 1.00000000 -0.00549927 0. 0.33808899 -0.55383911 -0.46417859 0. 0.85597229 -0.1-249756	-0.44834900 0. -0.70910645 -3.70913645 0.
2.06999960 1.00609000 -0.62549927 0. 0.95383911 -0.6517859 0. 0.85599229 -0.17249756	0_ -0.70910645 -0.70913645 0.
-0.6054.9927 0.33808899 -0.35383911 -0.46117859 0.85597229 -0.1-249756	-0.70910645 -1.70913645 0.
0. 0.33808899 -0.35383911 -0.66117859 0. 0.85599229 -0.17249156	-3,7091,3645 0,
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	-1-10644531
C.	-0.27732971
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0.3507537e	0,4845a299
-0.49427795 -0.40987199	-0.0350189?
0.81378174	-0.59782410
0.06417847	6.82922363
-G-68392744	-0.51972961 -0.67242432
0 🕫	0.
0.46494582	
	0-40777589
-0.15223083	-0,5593 8 013 -0,61230-69
0-7.750745	0.53404236
	-0.63636780
	-C-46180725 O.
	٠.
1.20000000	0.97692975
-0.76957703	~0.85520117
-0.77626011	-5.49697876
	0.92558042
	0.
a.	-G.13545227 G.
	••
0.28376770	1.00000000
	-9-34074402
	-0-12324524
	G.9730835C
	-0.27192668
3.	-0.76452332 0.
3 51337.00	
	0.50144958
	-2.49949646
	-0.51062012
0.45369885	0.75949853 -0.51136780
-0.43554688	-0.51135780
U.	0.
0.54547119	0 4840555
-0.50764485	C.48695374
-0.53533936	-0.52699280 -0.50039673
	0.35716248
0.51425171	-9.55741882 -0.35741882
-0.51425171	-U. 947£1449
	0.7,750745 0.71241760 -0.41320801 0. 1.200000000 -0.76957703 -0.7726033 0.47215271 0.48376770 -0.87228088 -9.83827735 0.97308350 -0.76237488 0. 0.51237488 0. 0.51237488 0. 0.50984192 -0.4495,970 0.45069855 0.95068855

处了

COPPLMENT 35. 1	G-welghts			
0.5324659& 2.5657U435	0.45263672 0.42224121	0.44818115 0.70591736	0.44012451 -0.36796570	0.43266296 -0.54162599
-0.5416254F	-0.45307927	-0.44177246	-0.55357361	-0.55945479
-C.5416259b	0.79998779	o.	0.79998779	0.795)8/79
0. -3.76728821	0.79999779 -0.76728821	0. 0.	0.79998779 -0.76728521	-0.76778871 -0.31027222
-0.31027222	-0.31027222	ŏ .	0.	0.
COMPONENT 36. 1	P-METPMTS			
CUMPUMENT 30. 1	C-WEIGHTS			
0.62409973	0.94753606	0.49431396	C.19712630	C.32627869
0.21797153 -0.72247314	0.18278503 -0.70333862	0.52072144 -0.73248291	-0.71336365 -0.37724304	-0.46463013 -0.26643799
0.	0.97982768	0.14688110	0.	0.91360474
0.97982788	0.	0.	0.97982788	-0.21708579
-0.71054077 -0.71054077	-0.71054077 -0.67372131	-0.04986572 0.	-0.2170#679 0.	-0.71054077 0.
-0,710,4077	-0.61712171	•	•	••
COMPONENT 37. 1	G-WEIGHTS			
0.50384521	0.60128784	0.52061 02	0.89375831	0.39801025
0.53987122	0.40856934	0.13398743	-0-68777466	-0.80934143
-3.68898010	-0-75987244	-0.00521851	0.	-0.71511341 1.00000000
-0.33366394 0.96546936	0-03453064 0-	1.00000000 0.96546936	0. 0.03453064	-0,60311890
0.	-0.7611:366	-0.63574219	-0.60311890	0.
-0.76112366	-0.63574219	0.	0.	0.
COMPONENT 38. 1	C WEIGHTS			
			0.3/34/443	0 54070530
0.59037781 0.34930420	0.34875488 0.34875488	1.00000000 0.41941833	0.36254883 -0.65628052	0.58079529 -0.00962830
-0.65628052	-0.65412993	-0.65617371	-0.35166931	-0.49218750
-0.52362061	0.68432617	0.84883118	0.	0.
0.68437145 -0.63847351	G.24883118 -0.03977612	0.05477783 -0.63847351	0.84883118 -0.63847351	-0.63842773 -0.12988281
-0.63847351	-0.63847351	0.	0.	0.
COMPONENT 39- 1	G-WEIGHTS			
COM OTEM 377 I	5 HE.G. 13			
0.55807495	0.39137268	0.39512634	0.42947388	0.39028931 -0.52906799
0.44653320 -0.43516541	1.00000000 -0.45825195	0.38911438 -0.46543884	-0.52194214 -0.54389428	-0.50119019
-0.54501343	0.	0.69766235	0.61781311	0.64457703
0.69766235	0.64457703	0.69766235 -0.44143677	0. -0.54008958	-0.56285095 -0.56285095
-0.50822445 -0.5984473	-0.44683838 -0.44683838	0.	0.	0.
	C			
COMPONENT 40. 1	G-WEIGHTS			
0.36416626	1.000 1000	0.35591125	0.37181091	0.40427058
0.48554993	0.65621948 -0.58198547	0.36209106 -0.53613281	-0.57014465 0.	-0.57600403 -0.57138062
-0.58200073 -0.58232117	0.54678345	0.54425049	0.56629944	0.57388306
0.59997559	0.57388306	0.59490947	0.	-0.50042725 -0.47299194
-0.47299194 -0.53027344	-0.47856140 -0.53308105	-0.47856140 0.	-0.53308105 0.	0.
		•		
COMPONENT 41. 1	G-HE1GHTS			
3.48176575	0.52294922	0.48826599	0-48870850	0.63002014
0.38038635	0-49240112	0.51544189	-0.54563904	-0.55812073 -0.56111145
-0.54203796 -0.59260559	-0.63063049 0.65779114	-0.56982422 0.65779114	0. 0.51632690	0.49214172
0.66099548	0.51954651	0.49536133	0.	-0.42169189
-0.42169189 -0.57165527	-0.57165527 -0.59744263	-0.47245483 0.	-0.42169189 0.	-0.57165527 0.
-0.57105521	0.571.412.03	••	••	••
COMPONENT 42. 1	G-WEIGHTS			
0.85882568	0.24681091	0.37509155	0.52473501	0.31958008
0.48843384	0.69827271	0.48818970	-0.63940430	-0.64125061 -0.71243286
-0.68740845 D.	-0.04351807 0.79939270	-0.71371460 0.43774414	-0.56224060 0.43774414	0.483/1533
0.79939270	0.43774414	0.12153625	0.48321533	-0.83686829
-0.56256104	-0.56256104 -0.19871167	-0.51640320 0.	-0.19821167 0.	-0.56256104 0.
-0.56256104	-0.17671107	.	•	••
COFPONENT 43. 1	G-WE IGHTS			
1.00000030	0.30357361	0.38658142	0.29835510	1.00000000
3.32305908	0.36459351	0.32380676	-0.53732300	-0.33067322
-0.46707153	-0.50688171 0.63642883	-0.5 18 31 482 0.63642 483	-0.52897644 0.64289856	-0.57814026 0.49438477
-0.51258850 0 48628235	0.55177307	0.55177307	0.	-0.45983887
-0.45983887	-0.61920166	-0.46234131	-0.45983887	-0.45983887
-0.61920166	-0.45983887	0.	0.	0.
COMPONENT 44. 1	G-WEIGHTS			
0.43142700	0.43238831	0.48022461	1.00000000	0.38310242
0.41569519	0.43464661	0.42247009	-0.60038757	-0.48117065
-0.60321045	-0.19799805	-0.54637146	-0.47044373	-0.59558105 0.79811096
-3.50487178 0.53739929	0.11659241 0.56089783	0.59440613	0.67312622 0.71940613	0.74811048
-0.61676025	-0.58291626	-0.45652771	-0.72137451	-0.58291676
-0.58241626	-0.45652771	0.	0.	0.

];

COMPONENT AL				
COMPUNENT 45. 1 G	-a' I Gat S			
0.44766726	0.19375305	1 00000000		
0.33038336 -3.64109862	0.399,6665	1.00000000 0.34576416	1.00000000	0.28390503
0.	-0.64138794 0.	-C.63252258	-0.72366333 0.	-0.64285278
0.58345)3?	0.71696472	0. 0./0503/35	0.70855713	-C.71842957 0.70855713
-0.458114 <i>62</i> -0.67231750	-0.63606262	-0.421-1500	0.57739258	-0.42187500
	-0.45764160 - WF1GHTS	0.	-0.46603394 0.	-0.46603394 0.
	. #c 10412			
9-37396240	0.30020142	0.89646912	0.2604.000	
-0.53146362	0.37109375	0-42483521	0.35864258 -0.59722900	0.27473450
-0.48950195	-0.46975708 0.0987/014	-0.30426025	-0.56138611	-0.50350952 -0.542 8 6194
0.71803284	0.53173628	0.06398254 0.55697632	0-84721375	0.84721375
-3.46177673 -0.46177673	-0.46177673	-0.62754822	0.39604187	-0.46177673
COMPONIA	-0.60173035	0.	-0.46177673 0.	-0.45177673 0.
COMPONENT 47. 1 G-	#E1GHTS			
0.46728516	0-44248962	0.46594238		
0.36447144 -0.53178406	0.40061951	0.40246562	0.45671082 -0.53594971	1-0000000
-3.37463379	-0.53398132 0.	~0.50256348	-0.51847839	-0.47320557
0.63452148	0.64926147	0.64926147 0.69636536	0.67419434	-0.52935791 0.6963(<36
-0.59936523 -0.51332092	-0.480+7229	-0.45277405	0.	-0.49041748
*****	-9-45277405	0.	-0.48097229 0.	-0.52935791 0.
COMPONENT 48. 1 G-1	#E1GHTS			••
0.43678284	0.58734131	0.34727478		
3.445 7026	0.48930359	0.40934753	0.59333801	0.69079590
-3.31436157 -0.24940491	-0.89727783	0.	-0.20491028 -0.67117310	-0.83969116
0.71795054	0. 0.70680237	0.66868591	0.65888977	-0.82316589
-0-48535156	-0.48535156	0.57893372 -0.57794189	0.	0-66 868 591 -0-42927551
-0.48535156	-0.57794189	0.	-0.47338867 0.	-0.48535156
COMPONENT 49. 1 G-W	FIGHTS		••	0.
0.50868225	0.49932861	0.40000.4		
9.53770447	0.53543091	0.49920654 0.48786926	0 39215088	0.53956604
-0.35350037 -0.47570801	-0.54505920	-0.54631042	-0.55842590 -0.54110718	-0.49398804
3.>8058167	0.18357849 0.88374329	0.	0.	-0.48587036 0.88374329
-0.39764404	-0.76541138	0.88374329	0.58456421	-C.42539978
-0.39764404	-0.44860840	-0.74218750 G.	-0.42539978 0.	-0.39764404
COMPONENT 50. 1 G-HI	ELGHTS		••	0.
0.47973633	0.80708313	_		
0.20953369	0.92628479	0.40003967	0.14025879	0.89424133
-3.54483032	0.	0.14277649 -0.52668762	-0.61737081	-0.56143188
-0.53973389 0.68667603	0.	0.71582031	-0.63470459 0.71582031	-0.57521057
-0.41181946	0.70779419 -0.75163269	0.68667603	0.	0.48710632 -0.42469788
-0.75163269	-0.42469788	-0.41181946 0.	-0.41181946 0.	-0.41181946
COMPONENT 51. 1 G-WE	- IGHTS		••	0•
0.31292725	0 1274 7020			
1-00000000	0.12767029 1.00000000	0.12767029	1.00000000	0.30403137
0.	-0.69839478	0.12767029 -0.37825012	-0-73764038	0.
-0.73706055 0.32316589	0.32316589	0.57949829	~0.71156311 0.82225037	-0.73706055
-3.73770142	0.82225037 -0.72407532	0.82225037	0.	0.30737305 -0.11744690
-0.72407532	-0.72407532	-0.11744690 0.	-0-11744690	-0.73770142
COMPONENT 52. 1 G-ME	IGHTS		0.	0.
0.25108337	0.39245605			
0.34222412	1.00000000	1.00000000 0.38668823	0.27479553	0.35272217
-0.47045898	-0.47293091	~0.55612183	-0.47289513	-0.56172180
-0.45033264 0.69879150	0.	0.	-0.52189636 0.82530212	-0.49359131
-0.42529297	0.82530212 -0.57305908	0.82530212	0.	0.82530212 -0.42529297
-0.57305408	-0.57635498	-0.57635498 0.	-0.42529297 0.	-0.42529297
COMPONENT 53. 1 G-WEI	IGHTS		•	0.
0.50439441	0.47589111	0 (201020)		
0.49125671	0.47854614	0.47918701 0.51617432	0.53915405	0.51036072
-0.60243225 -0.54125977	-0.54173279	-0.58969116	-0.02326965 -0.55171204	-0.55186462
0.44653320	0.29/25159 0.69845581	0.29225159	0.	-7-59800720 0-62355042
-0.43524170 -0.43524170	-0.43524170	0.77146912 -0.61994+34	0.87547302	-0.50958252
e autour na	-0.32945251	0.	-0.80000305 0.	-0.43524170 0.
COMPONENT 54. L G-WEI	GHTS			
0-43177795 0-43463135	0.60536194	0.57865906	0.4/161865	0.401
-0.53260403	0.61012268 -0.43818665	0.435/6050	-0.4.558838	0.43177795 -0.53282166
-0.53364561	0.	-0.49450684 0.75335693	-0.53184509	-0.520+6204
3,68292236 ~0.43236389	0.58741760	0.48403931	0.76976013 0.	0.72247314
-0.48721313	-0.524780 <i>27</i> -0.53236389	-0.41426086	-0.52478027	-0.53236389 -0.45184326
= *	44 775 70304	C.	1.	0.45184326

COMPONENT 55. 1 G	-uEIGHTS			
0-29827881	0.27700804			
0.47628764	0.8428[92]	0-99203491 0-40673828	2-34907532	0.35771179
-0.50938416 -0.40343004	-0.56726674	-0.54611204	-0.49438477 -0.53062439	-0-39309692
-0.40242004 0.54145813	0. 0.544143 68	0.59416199	0.60594177	-0.55667114 0.60418701
-0.48806763	-0.47485352	0.55590#26	0.55416870	-0.48806763
-0.48806763	-0.48806763	-0.47682150 0.	-0.54899597	-0.54704285
COMPONENT 56. 1 G-	-WEIGHTS	••	0.	0.
0.48057556	0.48245239			
3.44511841	0.54071045	0.543212 89 0.45391846	0.54071045	0.49374036
-0-532867 3	-0.52989197	-0.60461426	-0.45730591 -0.45828247	-0.45182800
~0.49389698 	0.73179626	0.21830750	0.25299072	-0.47106934
-0.36851501	0.76649475 -0.36851501	0.71543884	0.25299072	0-29972839 -0-80056763
-0.41954041	-0.37274170	-0.41954041 0.	-0.882019C4 0.	-0.36851501 0.
COMPONENT 57. 1 G-	WELCHTS			v.
0.24134827 0.79370117	0-24134827	0.24134827	0.49752808	
-0.715911a7	1-00000000 0-	0.34965515	-0.53742981	0.63590977 -0.71781921
-7-68812561	0-93204787	-0.578/9639	-0.71781921	-0.04405212
0.45225525	0.	C-44136047 O-09982300	0.21032715	2-93206787
-0.771#2007 -0.771#2007	-0.77182007	0.	0.º3206787 -0.77182007	0.
	-0.14033862	0.	0.	-0.77182007 0.
COMPONENT 58. 1 G-	WEIGHTS			
0.44612122	0.7644 5481	0.48121643	0.503402/1	.
0.45478821 -0.53027344	0.46060181 -0.35842896	0-44456482	-0.53424072	0.444 <i>82422</i> -0.53288269
-0-45475769	0.96691895	-0.52992249 0.17456055	-0.53343201	-0.52604675
0.30892944	0.21931454	0.17456055	0-96943665	0.21931458
-0.62545776 -0.53941345	-0-53941345	0.	0.9669189; -0.52239990	~0.52239990 ~0.62545776
*****	-0.62545776	0.	0.	0.
	E I GHT S			
0.52536011 0.53555298	0.44697571	0.49285889	0-47044573	0
-0.49218750	0.49778748 -0.50555420	0.54187012	-0.47656250	0.48910522 -0.47990417
-0-47656250	0.50146484	-0.55325317 0.41795349	-0.49238586	-0.52352905
0-35226440 -0-424 8 5046	0.43574524	0.56918335	0-65270996 0-50146484	0.56918335
-0.42485046	-0+42485G46 -0+42485046	-0.50842285	-0.42485046	-0.72540283 -0.64184570
COMPONENT 60. 1 G-W	ELGHTS	0.	0.	0.
0.45962524				
0.39375305	0.46176147 0.51350403	0.99264526	6.39352417	0.39485168
-0-44081116	-0.59536743	0.34031482 -0.59583954	-0-13699231	-0.59461975
-0.59251404 0.47300720	0.	0.57347107	-0.58531189 0.70109558	-0.45655823
-0.62629700	0•42839050 -0•62495422	0.65922546	0.56007385	C.60469055 O.
-0.48779297	-0.62495422	-0.62629700 0.	-0.62629700 0.	-0.38336182
COMPONENT 61: 1 G-H	EIGHTS			0.
0.99659729	0.40274048	0.38212585	0.4445000	
0.45858765 -0.58815002	0.41624451	0.45938110	0.45658875 -0.61250305	0.42770386
-0.46923828	-0.38822937 0.66360474	-0-41580200	-0.52360535	-0.53210449 -0.47035217
0.66360474	0.59637451	0.59637451 0.44032288	0.59637451	0.44032288
-0.47648621	-0.62876892	-0.49154663	0.00299072	-0.49154663
-0.43696594	-0.49154663	0.	-0.49154663 0.	-0.49154663
COMPONENT 62. 1 G-WE	EI GHT S			0.
0.43516541	0.41903687	0.40328979		
1.00000000 -0.58305359	0.43516561	0.45932007	0-43516541 -0-57608032	0-41284180
-0.61813354	-0.61018372 0.58569758	-0.34944153	-0.58578491	-0-06597900
D.58564758	0.58564758	0.54783630 0.54783630	0.55476379	-0.61131287 0.59259033
-0.52702332 -0.48532104	-0.51936340	-0.48532104	0.	-0+48532104
	-0.52702332	0.	~0.48532104 0.	-0.48532104 0.
COMPONENT 63. 1 G-WE				
0.21659851 0.68653870	0.75370789 0.23864746	1.00000000	0.21012878	A 31434
-0.61532593	-0.07929993	0.67758179 -0.59439087	-0.62019348	0.21676636 -0.6201934#
-(.59977722 0.39334106	0.00514221	0.87951660	-0.51821899	-0.35258484
-0.52975464	0.42034912 -0.52975464	0.42034912	0.03218079 0.89039612	0.95867920
-0.52975464	-0-19255066	~0.55453491 0.	-0.55453491	-0.55453491 -0.55453491
COMPONENT 64. L G-WEI	IGHTS			0.
3.42778015	0.39096069	0.34750707		
0.37593079	0.45492554	0.36750793 0.61534119	0.36750793	1.00000000
-0.70666504 0.	-0 \5736389 0. 998779	0.	-0.62892151 -0.66404724	-0.70666504
0.	0. 998779 0.	0.	0.79998779	-0.63630676 0.79998779
0.	-0-67057800	0.79998779 -0.67057800	0.79998779	-0.65882874
-0.67057800	-0.67057800	0.	-0.65882874 0.	0.
			~•	0.

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COMPONENT 65. 1 G-	eEIGHTS			
2-16355896	1.00000000	0.22543335	1.00000000	0.23043403
0.14009694	0.23176271	1.00005600	-0-26314833	0.23942402 0.
-3.55873100 -3.67445861	-0.7464141. 0.	-0. +41 65039 0.	-0.22944641 0.74325562	-0.816^8562
2.61759944	0.467435#9	0.74325562	0.48913574	0.74325562 -0.48330688
-0.2+0 63 252 -2.483306##	-0.64630127 -0.48330688	-0.4 × \$30688	-C.483306#8 O.	-0.44630127
		••	••	0.
C "OMENT 40. 1 G-	at I GHTS			
1.00000000	0.96244812	0.98592322	6.00701904	0.60701904
0.95803223 -0.54414368	0.09761047 -0.56832886	0.03091736 -0 54214003	-0.4716;845	-0.55969238
-0.56263733	9.	0.09331055	-0.58448792 0.84672546	-0.16691589 0.48338318
0.01024+>1 -0.19647217	0.01874951 0.	0.89331055 -C.75489807	0.84672546 -0.35489807	-0.75489807
-3.75489807	-0.78388977	0	0.	0. 0.
COMPGMENT 67. 1 G-	wE1GHTS			
0.18#23242 1.000C0000	0.06869507 0.21891785	0.14155579 1.00000000	0.38256836 -0.526885 99	1.00000000
-0.54740906	-0.52366638	-0.12884521	-0.51437378	-0.582655 ₄ 2 -0.60260010
-0.57333374 0.827057-	0-28126524 0-59654236	0.78982544 0.10902415	0.78982544	G. 78982544
-0.45122413	-0.43516541	-G.45132446	0.01657104 -0.45132446	-0.45132446 -0.43659668
-0.65438843	-0.46850586	0.	0.	0.
COMPONENT 64. G-	WEIGHTS			
0.49923706	0.55229187	A 5+3+4+4		
0.49101257	0.48907471	0-5028839 <u>1</u> 0-48631287	0.49093628 -0.48941040	0.48864746 -0.49937439
-3-49449158 -3-51158142	-0.51083374 0.94891785	-0.55028992	-0.50572203	-0.+8869324
0.05552673	0.	0-06874084 0-96891785	0. 0. 9689 17 8 5	0.96891785
-0.63121033 -0.70959473	-0.69837952 0.	c.	-0.63121033	~0.70959473 ~0.61997986
		J.	0.	0.
COMPONENT 69. L G-1	IE EGHTS			
0.32633972	0.99755859	0.26873779	0.22564697	0.00355454
0.30436/07 -0.69485474	0.47796631 -0.00709534	0.40179443	-0.62245178	0.99755859 -0.71838379
-0.65240479	0.	-0.0657 8 308 0.	-0.64517920 0.82357788	-0.65281677 0.75364685
7.87357748 -7.76600647	0-82357789 -0-42916870	0.75192761	0.02368164	-0.44580078
-0.35067749	-0.44580078	-0.35067749 0.	-C.44580078 0.	-0.756 00647 0.
COMPONENT 70. 1 G-W	IEIGHTS		•••	•
0.388320y2 0.38357544	0.40676880 0.666915#9	3-38502502	1.00000000	0.38043161
-0.32601929	-0.74182129	0.35896179 -0.74162292	-0.74574280 -0.74871826	-0.65385437 0.
-7.04216003 0.92425537	0.92425537 0.38003540	0.367 84 363	0.	0.70178223
0.	-0.64100647	-C.67948914	0.70178223 -0.67948914	0. -0.67948914
-0.64100647	-0.67948914	0.	0.	0.
COMPONENT 71. L G-d	EIGHTS			
0.53840637	0.53179932	0.49191284	0.50037400	
0.52146912 -0.485C3113	0.42916870	0.47671509	0.50077820 -0.45765686	0.50970459 -0.53802490
-0.52897644	-0.47296143 0.60983276	-0.54302979 0.29621887	-0.48635864	-0.48793030
0.64840698 -0.39051819	0.62489319	0.63278198	0.28831482 0.58772278	0.31179810 -0.74914551
-0.43554688	-0.43554668 -0.43554688	-0.41398621 0.	-0.74914551	-0.39051819
COMPONENT 72. 1 G-W	EIGATS	••	0.	0.
0.51277161 0.42089844	0.50222778	0.58833313	0.49153137	0.42825317
-0.66065979	0.56159973 -0.64439392	0•49436951 -0•60476685	-0.0630 04 11 -3.71427917	-G.63734436
-0.01065063 3.43725586	0. 0.625167 8 5	0.69891357	0-66197205	-0.64476013 -0.40028381
-0.16685486	-0.57278442	0.58818054 -0.85147095	0.58818054 -0.57278442	0.
-0.61203903	-0.61203003	0.	0.	-0.61203003 0.
COMPONENT 1. 2 G-WE	I GHTS			
0.50000000	-0.5000000	0.01770030		
0.	0.98141479	0-01770020 0-99835205	0.99835205 0.99835205	0.99835205 0.70898438
0. 0.88143921	0.11053467 0.98141479	0.98141479 0.98141479	0.70013428	0.98141479
0.47940063	0.	0.	0.99835205 0.24844360	0. 0.
0. 0.01919556	0.98141479 0.98141479	0.	C.98915100	0.98141479
0.	0.	0.44839478	0.98141479	0.99835205
0. 0.19123840	0.98141479	0.98141479 0.98141479	0.98141479 0.	0.
0.98141479	0.24#36731 0.20223999	0.98141479 0.99690247	0.	0. 0.98141479
0. 0.12059021	0.	0-98141479	0.98141479 0.	0.
-0.61547852	0. -0.76625061	0. -0.79341125	0.	0.98141479 -0.53501892
-0.66343689 -0.93345642	-0.24031067	-0.09611511	-0.01686096 -0.88725281	-0.76438904
-0.36740112	-0.66698538 -0.01686096	-0.77030945 -0.85569763	-0.88626099	-0.05718994 -0.81192017
-0.46841431 -3.77188110	-0.93304443	-0.48275757	-0.87432861 -0.93083191	-0.79125977 -0.09611511
0.	-0.49H77930 -0.85427856	-0.48118591 -0.70918274	0.	-0.04949551
-0.05718994 -0.77215576	-0.70841980	~0.38>94055	-0.61459351 -0.74994324	-0.79714966
-0.5590 100	-0-89720154 -0-01686096	-0.35718994 -0.75660736	-0.57000732	-0.76928711 -0.13909912
-0.81565 7 -0.14122009	-0.29730225	0.,	-0.14122009 -0.05718994	-0.91358948 -0.14122009
-0.14871216	-0.09611511 0.	0. 0.	-0.88313293	-0.80766296
			0.	0.

1 1 1 h

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COMPONENT 2. 2 G-METCHTS
                                  0.50000000
0.02163696
0.02163696
                                                                                   -0.5000000
0.10595703
0.90385437
0.90238953
0.82031250
0.07440184
                                                                                                                                                                                           0.
0.37556448
0.02163636
0.10781860
0.57490540
                                                                                                                                         0.09725987
0.33082886
0.13316345
0.67698659
                                                                                                                                                                                                                                                C. 78744507
                                  0.42828349
                                                                                                                                                                                                                                                C-82186690
                                                                                                                                                                                                                                               C-82186590
C-56123352
O-9951172
O-14038560
C-02163696
O-02163696
G-19619751
O-11373057
                                 0.42828349
0.9027[179
0.95085144
0.90238953
0.86128235
0.73680076
0.82184690
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0.99951172
0.86128235
0.90913391
0.90238953
0.65769958
                                                                                     0.86128235
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                                                                                     0.99951172
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0.02163696

0.02163696

0.02163696

0.086128235

-0.97300726

-0.97300720

-0.83854675

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                                                                                   0.02163696
0.95085144
0.80201723
0.13954163
0.95085144
-0.97302746
-0.0963897
-0.09796449
-0.97302246
                                 9-02163696
                                                                                                                                         G. 02163696
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0.99951172
-1.00000000
-0.97300720
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0-80456543

-0-90518894

-0-85980225

-0-97300726

-C-17198191

-C-01133728

-0-05075073

-88034058
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0.09638977
-0.18193056
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-0.33697510
-0.20585632
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-1.00000000
-0.27120972
-0.17198181
-0.03136733
                                                                                                                                                                                         -0.84626779
-0.9/302246
-1.00000000
-0.97300720
-0.05075073
-0.97300720
                                                                                  -0-20585632
-0-01133728
-0-77300720
-1-00000000
-0-13383484
-0-54970215
                                                                                                                                                                                                                                              -0-97300770
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-0-18936157
-0-1338346
                                                                                                                                                                                                                                            -v-1338348
-0-8786670/
-0-09638977
0-
                                                                                                                                      -0.33969116
                                                                                                                                                                                          -0-87699990
    -0.91133/2#
#IMPS=0000000004
                                                       MCYC5=000000000013
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   reaer
reaer
                     I GUTPUT OUT OF RANGE, NEW BIAS .
                   LOUTPUT OUT OF RANGE, NEW BIAS -
CONTROL-WOODOODOOD

1 DUTPUT OUT OF RANGE, NEW BIAS -
CONTROL-WOODOODOODO
1 OUTPUT OUT OF RANGE, NEW BIAS -
CONTROL-WOODOODOODOOT
1 OUTPUT OUT UF RANGE, NEW BIAS -
CONTROL-WOODOODOOT
1 OUTPUT OUT OF RANGE, NEW BIAS -
CONTROL-WOODOODOOT
1 OUTPUT OUT OF RANGE, NEW BIAS -
                                                                                                      0.54521065
   LEVEL
                                                                                                      0.32424869
   LEVEL
                                                                                                      0.19376472
   LEAET
                                                                                                      0.25900570
   CONTROL *00000000000 7

LEVEL 1 GUTPUT OUT OF RANGE, NFW BIAS L
CUNTROL *00000000000 7

6 BIAS CHANGES
                                                                                                      0.22630521
                    LEVEL 1 MS =
                                                                   0.20000000 6145 *
                                                                                                                        0.22638521
                  COMP.
                                     OUTPUT
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                                                                                                                                                              COMP. (
5 4.1
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                                                                                          0.1839024
                                                                                                                                   CUTPUT
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                    1. 1
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11. 1
                                         0.0047014
                                                                                                                                                                                             UT COMP.
0.0791112
0.2826822
                                                                                                                                                                                                                                  OUTPUT
                                                                                                                       3, 1
8, 1
13, 1
                                                                                                                                            0.2541375
0.1261806
0.
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0.2255365
0.1502612
0.1504318
                                         0.0973181
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                    11. 1
16. 1
21. 1
26. 1
31. 1
36. 1
41. 1
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18. 1
23. 1
28. 1
33. 1
38. 1
43. 1
53. 1
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0.0972126
0.0130194
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0.0944781
0.1959051
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0.1040811
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40.
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0.0892732
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0.0801161
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44. 1
49. 1
54. 1
59. 1
64. 1
69. 1
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                                          0.2112089
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55. 1
                                                                                                                                            0.0256235
                                                                                                  58. 1
63. 1
812058 68. 1
288024 0. 0
                                        0.1967298
0.0406222
                   61. i
6.. i
71. i
                                                                                                                                                                                                                         60. 1
65. 1
70. 1
0. 0
                                                                                                                                                                                                                                              0.0714748
0.0334450
                                                                                           0.2812058
                                                                                                                                                                                             0.2100394
                  71. 1 O. T. T. 1
2 OUTPUT OUT OF RANGE, NEW BIAS P
CONTROL=000000000001
1 BIAS CHANGES
                                                                                           0.1288024
 LEVEL
                                  C.5060723 2. 2 0.4939277 G.
0.49393
                  LEVEL 2 MS +
                                                                  0.01000000 81AS = -0.31174380
                                                                                                                       . OUTPLT
                COMP.
1. 2
1 is
2 is
                                 CUTPUT
                                                                                                                                                              0. 0 O
                                                                                                                                                                                                            COMP. OUTPUT
 SUM NO.
 *** 121 INPUT H5
HINPS=0000000000003
                                                    INDENTIFICATION CORRECT
NC+CS=0000000000014 INDICT=000000000001
         LEVEL
                                                                                                  -0.41388808
LEVEL
                                                                                                  -0.96590416
LEVEL
                                                                                                 -1.51792024
LEVEL
                                                                                                 ~1.24191220
                                                                                                 -1.37991622
                 LONTROL +00000000000000
LEVEL 1 UNITY OUT OF RANGE, NEW BIAS =

CONTROL *** CONTROL *** CONTROL ***

6 8.45 CHANGES
                                                                                                 -1.31091422
```

```
0.20000000
                                                                                       SIAS -
                                                                                                         -1.31091-22
                                     JUTP_
                                                             COPP
                                                                             CUIPUT
                      1.; 1
6. 1
11. 1
                                        c.
o.
                                                                                                                     OUTPUT
                                                               2. 1
7. 1
12. 1
17. 1
22. 1
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0. 1
!3. 1
!0. 1
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10. 1
15. 1
20. 1
25. 1
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6,
9,
7-
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19. i
24. i
                     16. 1
21. 1
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c.
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                     2^. i
31. i
36. i
41. i
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                                                               27. 1
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34. 1
39. 1
44. 1
49. 1
54. 1
                                                                                                         70. I
33. I
                                                                                                                                                                                             30. 1
35. 1
40. 1
55. 1
50. 1
                                                                                                                            c.
c.
o.
o.
                                                                                                         33. 1
38. 1
43. 1
48. 1
53. 1
63. 1
                                                                                                                                                                      0.4888872
                                                                                                                                                                                                               0.8932457
0.
0.
                                                                                                                            e.
                    0.
      LEVEL
      LEVEL
                    LEVEL 7
                                                            0.0100000
                                                                                 81AS = -0.58G31747
                                                               =P- 0∪TPUT
2-2
                  1. 2
1. 15
2. 15
                                  OU TPUT
                                                          COMP.
                                                                                                                                          COPP. OUTPUT
0.0 9
                                                                                1.0000000
                                                                                                         G. 0
     SUM NO.
SUM NO.
                                      1-90000
     *** 122 INPUT V5
                                                INDENTIFICATION CGRRECT THEICT=GOGOGOGOGOGOGO
   -0.31855351
                                                                                      -0.51805715
                  LEVEL 1 MS #
                                                          0.20000000
                                                                                   BIAS .
                                                                                                      -G.41830283
                C .P.
                                CUTPUT
                                                         COT.
                                                                         OUTPUT
                                                                                                                 OUTPUT
                                                                                                                                                                                                  001901
                                    C.
1.2607783
                                                                                                                                                                                          5.
10.
15.
20.
                                                                                                                                                                  o.
                                                                                                                        1.2203768
                  16. 1
21. 1
26. 1
31. 1
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41. 1
                                    Ö.
                                                                                                      18. 1
23. 1
28. 1
33. 1
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35. 1
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50. 1
55. 1
60. 1
65. 1
7C. 1
0. 0
               36. 1 0. 37. 1 0.
41. 1 0. 42. 1 6.
46. 1 0. 47. 1 6.
51. 1 C. 52. 1 6.
56. 1 0. 57. 1 6.
61. 1 0.0397743 62. 1 6.
66. 1 1.100186 67. 1 67.
71. 1 C. 72. 1 6.
2 UUTPUT OUT UF RANGE, NEW BIAS = CONTROL=00C00000001
2 UUTPUT OUT UF RANGE, NEW BIAS = CONTROL=00C000000001
2 UUTPUT OUT UF RANGE, NEW BIAS = CONTROL=00C000000001
                                                                                                                                                                  0.3633423
                                                                                                                                                                                                            0.3161971
                                                                                                      38.
43.
                                                                              0.5977051
                                                                                                     48. 1
53. 1
58. 1
63. 1
                                                                                                                                                                                                            0.246+203
0.
0.
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                                                                                                                                                                  ٥.
                                                                                                                                                                  o.
o.
                                                                                                     68. 1
                                                                                    -0.49999999
  LEVEL
  LEVEL
-3.30767849
                                                                                    -2.40383923
                                                                                   -1.95191960
                LEVEL 2
                                                       0.01000000
                                                                                 BIAS =
                                                                                             COMP.
0. 0
                           GUTPUT
                                                     COMP. OUTPUT
                                                                                                             DUTPUT
                                                                                                                                                      OUTPUT
                 1 15
1 15
                              0.9659544
                                                                                                                                                                              COMP. OUTPUT
 SUM NO.
 *** 123 INPUT #6
                                            INDENTIFICATION CORRECT NCYCS=000000000014 IAN
                                                                                        INDICT = 00000000000001
              1 UUTPUT OLT UF RANGE, NEW BIAS =
CONTROL=00000000001
1 UUTPUT DUT UF RANGE, NEW BIAS =
CONTROL=000000000003
1 OUTPUT DUT UF RANGE, NEW BIAS =
CONTROL=C00000000003
1 LUTPUT UUT UF RANGE, NEW BIAS =
CONTROL=000000000007
1 UUTPUT OUT UF RANGE, NEW BIAS =
CONTROL=0000000000007
1 UUTPUT OUT UF RANGE, NEW BIAS =
 LEVEL
                                                                                   -0.51963009
                                                                                   -1.31265866
                                                                                   -7.10608765
LEVEL
LEVEL
LEVEL
              I HOLPUT OUT OF RANGE, NEW BIAS = CLATROL=GOOGOUDOOOO?

I CUIPUT OUT OF RANGE, NEW BIAS = CHATROL=OUCODOOOOO?

7 HIAS CHANGES
                                                                                  -1.41201250
LEVEL
                                                                                  -1.46158929
```

- 7-

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リンドアリド
                                                                                                                 DUTPUT
                                                                                                                                           5. 1
                                                         0.1584007
                                                         0.1584007
0.
0.4538545
C.
0.
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0.2657841
0.
                                                                                                                                          10- 1
15- 1
20- 1
25- 1
35- 1
40- 1
50- 1
50- 1
65- 1
70- 1
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19. 1
24. 1
29. 1
34. 1
39. 1
44. 1
54. 1
54. 1
69. 1
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                                           17. 1
22. 1
27. 1
32. 1
32. 1
37. 1
42. 1
52. 1
57. 1
62. 1
67. 1
72. 1
95. 1
                                                                                                                                                        0.3778735
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0.
0.
C.6619039
                                                         0.2513633
                                                                                                                        0.
0.5573529
0.
                                                                                         0.00.00.
                                                         0.
0.6193665
0.
                                                                                         0.2543376
                                                                                                                                                        0.8702371
0.
                                           MEM SIAS -
                                                              -0.82979989
           reaer S
                                         0.01000000
                                                            8145 -
                                                                       -0.82979989
          1. 2
1. 15
2 15
                                                                                                     COPP. CUTPUT
0. 0 0.
                                                                                                                                   COMP. OUTPUT
0. 0 0.
                      OUTPUT
                                        CO₩.
2- 2
                                                    201PUT
1-2000000
                                                                      0. 0
                                                                                   OUTPUT
                         1.00000
••• 124 14PUT V6
RENPS=00000G000014
                                  -0.27716266
                                                              -0.91966788
            LEVEL
                                          0.20000000
                                                                           -0.91956788
                                                                                                     COMP. 4. 1 9. 1 14. 1 19. 1 24. 1 27. 1 39. 1 44. 1 54. 1 59. 1 64. 1 69. 1 0. 0
                                                                                                                                              OUTPUT
1 1.0801068
1 0.
1 0.
          COMP.
                      UUTPUT
                                         co₩.
                                                     OUTPUT
                                                                       COMP.
                                                        0-
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1-3002103
            1. 1
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70. 1
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17. 1
22. 1
27. 1
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1-1003751
C.
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0.
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0.
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LEAEF
FEAEF
                                                              -1.49999996
LEVEL
LEAEF.
LEVEL
                                                               -2.74999991
                                         0.01000000 BIAS * -2.74999991
          CUMP. OUTPUT

1. 2 0.9967213

1 15 0.99672

2 15 0.
                                       COMP. 2
                                                                                 104100
0.0
                                                                                                     COMP. OUTPUT
0. 0 0.
                                                                                                                                   COMP. OUTPUT 0. 0. 0.
                                                   OUTPUT
                                                                      COMP.
                                                                            0. 0
                                 INDENTIFICATION CORRECT NCYCS=000000000014 INDICT=000000000001
+++ 125 [NPUT H1
MINPS=00000000013
-0.41466486
                                                              -2.03007863
                                                              -1.42429860
                                                              -1.52526197
```

LEVEL

0.20000000

sias -

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LEVEL
                                                                    0.20000000
                                                                                         eias .
                                                                                                              -1.52526197
                                                                                                                                                                                                  OUTPUT
5. 1
10. 1
15. 3
20. 1
27. 1
38. 1
39. 1
49. 1
49. 1
49. 1
49. 1
49. 1
49. 1
49. 1
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49. 1
49. 1
49. 1
49. 1
49. 1
                                                                                  OUTPUT
0.
0.4910714
C.
                                                                  COP.
                                                                                                                                                         4. 1
9. 1
19. 1
24. 1
                                                                                                                                  00000000
                                                                                                              9- 1
13- 2
10- 1
23- 1
20- 1
33- 1
49- 1
53- 1
56- 1
63- 1
60- 1
                                              0.6675957
                                             C.1686420
                           16, 1

21, 1

26, 1

31, 1

34, 1

41, 1

46, 1

51, 1

66, 1

71, 1
                                                                                       c.
                                                                                                                                                                                                                       0-4740044
                                                                                      0.
C.4517800
C.
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0.
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C.
C.
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34. 1
39. 1
44. 1
54. 1
59. 1
64. 1
                                                                                                                                                                                                                      0.5/12/64
                                                                                                                                                                            0.3307169
                                                                                                                                                                                                                      0.0.0.0.
                                             0.5634498
           LEVEL 2 UNITROL DUT UF RANCE
CCNTROL DOCCODODOO0 1
2 UNITROL DOCCODODOO0 3
2 DIAS CHANGES
2 BIAS CHANGES
                          LEVEL 2 MS .
                                                                  - 2AIS 00000010.0
                                                                                                           -0-54954049
                       COMP.
1. 7
1 IS
2 IS
                                       OUTFUT
                                                                COMP. OUTPUT
2. 2 1.00
                                           C.
C.
I-00000
                                                                                                                                                                 0UTPUT
0 0.
                                                                                                                                                                                         COMP. OUTPUT
                                                                                     1.0000000
                                                                                                                                                         0. 0
           #1#62=000000000015
*** 156 | 17601 A1
                                                      IMMENTIFICATION CORRECT 1001CT+0000000000001
         LEVEL I CUTPUT OUT OF RANCE, NEW BIAS =

CCNTROL=00C00000001
I GUTPUT OUT UF RANCE, NEW BIAS =

CEVEL OUTPUT OUT OF RANCE, NEW BIAS =

CONTROL=00C000000003
3 BIAS CHANGES
                                                                                            -0.31344640
                                                                                            ~0.73876475
                                                                                           -1-16408859
                        LEVEL 1 MS .
                                                                0.26000000
                                                                                         BIAS .
                                                             COMP.

7- 1
17- 1
17- 1
22- 1
27- 1
32- 1
                                                                                                            -1.16408859
                      COMP.
                                      CUTPUL
                                                                               OUTPUT
                                         0.
0.
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                        l. 1
6. 1
11. 1
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8. 1

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20. 1

33. 1
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0.
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7733879
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10. 1
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25. L
30. L
35. L
40. L
50. L
55. L
65. L
                                                                                    0.6319851
                                                                                   0.6319851
0.7164657
0.0.0.0.0
32. L
37. 1
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                                                                                                                                                     44. I
49. 1
54. I
59. 1
                                                                                   0.3771640
                                                                                                                             0.
0.1579213
0.7735559
                                                             0.01000000 8145 #
                                                                                                       -2.62499994
                  CJMP. ULTPUT COMP. 0 TPUT

1. 7 1.0071205 2. 2 0.

. I IS 1.00712

. 2 IS C.
                                                                                                   COMP.
                                                                                                                                           COMP. OUTPUT
0. 0 0.
                                                                                                                                                                                    COMP. OUTPUT
      SUM NO.
      *** 127 INPUT H2
MINPS=000000000011
                                                 -0. 39941734
                                                                                       -1.08282129
```

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001961
5. 1
10. 1
                                DUTPUT
              co™.
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0. 1
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o.
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7. l
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17. 1
22. t
27. 1
32. t
37. i
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5.
6.1049284
6.
                11.
16. 1
21. 1
26. 1
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0.
0.5594407
0.5307540
                                                                                c.
o.
o.
o.
                                                                                                          13. 1
16. 1
23. 1
20. 1
33. 1
38. 1
43. 1
46. 1
53. 1
50. 1
                                                                                                                                                                                                     15. 1
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19. I
24. I
29. I
34. I
39. I
44. I
54. I
54. I
64. I
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25. 1
30. 1
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45. .
50. 1
55. 1
46. 1
65. 1
70. 1
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                34. i
41. l
46. l
                                                                                 G.5615257
O.6963206
                                    0.5752550
                                                                                                                             0.5318937
C.
0.
                                                              52. I
57. I
62. I
                                                                                 0.
C.
                 41. I
                                    ٥.
                                                              67. 1
                                                                                                          68. 1
                71. 1 0.

2 OUTPUT OUT OF RANGE.

CONTROL-00000000001

2 OUTPUT OUT OF PANCE.

CONTROL-00000000000
LEVEL
                                                              WEH BIAS - -0.71542125
LEVEL
                                                                                  BIAS + -0.715e2925
                                                           0.0100000
                                                         COPP. OUTPUT
2. 2 1.00
              1. 2
                                                                                                                                               CO™. CUTPLT
0. 0 0.
                               OUTPUT
                                                                               19UT COMP.
1.000000C 0. C
                                                                                                                     CUIPUT
                                   0.
 *** 128
MIMPS-00
            INDENTIFICATION CORRECT
NCYCS-00000C00014 INDICT-000C000000C1
1 MS -
                LEVEL
                                                                                  BIAS =
                                                                                                          -1.10341444
                                                           0.20000000
                                                                                                                                               4. 1
9. 1
14. 1
4 19. 1
24. 1
9 29. 1
                                                         COMP...
2. 1
7. 1
12. 1
17. 1
22. 1
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8. 1
13. 1
18. 1
23. 1
              com.
                                UUTPUT
                                                                           CUIPU!
                                                                                                                       CUTPUT
                                                                                                                                                                 CUTPLE
                                                                                                                                                                                           CCMP.
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                 l. l
6. l
11. l
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25. 1
30. 1
35. 1
49. 1
50. 1
55. 1
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0.0200154
                                    1.0578063
                                                                                 0.5665351
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                                                             22. 1
27. 1
32. 1
37. 1
42. 1
47. 1
52. 1
                                                                                                                               6.7442309
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39. 1
44. 1
49. 1
54. 1
                                                                                                                               0.2232077
              56. 1 C. 57. 1 0
66. 1 C. 57. 1 0
66. 1 C. 67. 1 0
71. 1 C. 72. 1 0
2 CUTPUT OUT UF RANGE, NEW BIAS =
CONTROL =00C00000001
2 OUTPUT UT CF RANGE, NEW BIAS =
CONTROL =00C000000001
2 OUTPUT '411 UF RANGE
                                                                                                                               0.3813553
                                                                                  0.8124031
                                                                                                                                                                                                      70. I
                                                                                                                                                                                                                         0.5055658
rEAET
LEVEL
-- CONTROL-00C00900001

LEVEL 2 DUTPUT 'VII UF RANGF, NEW BIAS = -16.78257179

CONTROL-00G000000003

LEVEL 2 DUTPUT DUT DF RANGF, NEW BIAS = -9.14128578

CONTROL-0000000000007

LEVEL 2 DUTPUT OUT UF RANGF, NEW BIAS = -5.32064789

CONTROL-00C00000007

LEVEL 2 DUTPUT OUT DF RANGF, NEW BIAS = -3.41032144

CONTROL-00C000000007

LEVEL 2 DUTPUT OUT DF RANGF, NEW BIAS = -2.45516071

CONTROL-00C0000000007

7 BIAS CHANGES
LEVEL ...
                 LEVEL 2 MC =
                                                         0.01000000 RIAS = -2.45516071
              COMP. OUTPUT COMP. CUTPUT

1. 7 C.9634739 2. 2 0.c

1 IS 0.48342

2 IS 0.
                                                                                                    CUMP. OUTPUT
0. 0 0.
                                                                                                                                             COMP. CUTPLT
0.0 0.
                                                                                                                                                                                           COMP. LUTPUT
0. 0 0.
 SUM NO.
 *** 129 [NPUT H3
MEMPS=0000000000007
                                               INDEMTIFICATION CORRECT
MCYC5=000000000014 INDICT=0000000000001
-0.50204441
                                                                                         -1.30001065
```

-1.42452528

• •

LEVEL I PS .

0.20000000 8145 *

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3. 1

0. 1

13. 1

10. 1

23. 1
                                                            _61231
                                                                                                        Come.
                                1. I
4. I
51. I
14. I
                                                                 0.
G.5543442
0.
C.
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7. 1
12. 1
17. 1
27. 1
27. 1
32. 1
37. 1
42. 1
47. 1
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35. 1
40. 1
45. 1
50. 1
55. 1
66. 1
70. 1
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0.
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3:. 1
39. 1
43. 1
48. 1
53. 1
56. 1
68. 1
C. C
                                26. 1
31. 1
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                                                                                                                                                                                                                                  C. 1036324
                                                                 C.
C.
C.1137465
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0.7341234
0.
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>1. l
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G.
G.
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                                                                                                                                                                  0.0924:174
                               CONTROL +COCCGGGGGGGG
                               LEVEL 2 #5 +
                                                                                                          0.21006200
                                                                                                                                                          8145 ·
                                                                                                                                                                                                C.0406117A
                          ζ,№9.
1. ?
. IIS
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                                                                                                       COPP.
                                                                                                                                     CUTPUT
                                                                                                                                                                                  COPP.
                                                                                                                                                                                                                 CUTPU.
                                                                                                                                                                                                                                                               COMP. UNITPUT
G. G. G.
                                                                                                                                                                                                                                                                                                                                          COPP. QUIPUT 0. 0 9
                                                               ¢.
J.
                                                                                                                 2. 2
                                                                                                                                                C.9093882
                                                                                                                                                                                                0. C
    SUP WC.
                                  2 15
                                                            (.+2939
   *** 136 INPUT V3
                                                                                     -0.22220190
                                                                                                                                                            -0.45287544
                                                                                                                                                             -0.68354297
                                      3 BLAS CHANGES
                              LfVEL
                                                                                                          0.20000000
                                                                                                                                                          BIAS -
                          1. 1
6. 1
11. 1
16. 1
21. 1
26. 1
31. 1
                                                                                                                                                                                  CJMP.

3. 1

3. 1

13. 1

10. 1

23. 1

24. 1

33. 1

34. 1
                                                          LUTPUT
                                                                                                       COMP.
                                                                                                                                       761701
                                                                                                                                                                                                                 OUTPUT
                                                                                                                                                                                                                                                                                             DUTPUT
                                                                                                                                                                                                                                                                                                                                          CO₩.
                                                                                                                                              C.
0.
0.
C.6976297
                                                                                                                                                                                                                               0.
0.
                                                                                                                                                                                                                                                                                                             0.
0.9071461
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0.3594812
                                                                                                                                                                                                                                                                           4. 1
9. 1
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19. 1
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29. 1
34. 1
39. 1
44. 1
49. 1
54. 1
                                                                 c.
G.
                                                                                                              2. 1
7. 1
                                                                 0.3471779
0.
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25. 1
30. 1
35. 1
40. 1
45. 1
50. 1
55. 1
60. 1
70. 1
0. 0
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                                                                 L.
C. 3382595
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                                                                                                                                                  1.0428930
                                                                                                                                                                                             43.
48.
53.
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                                                                 0.6668227
                                                                a.
0.
                                                                                                                                                G.
                                                                                                                                                                                                                                ٥.
                                                                                                                                                                                              63.
                             61. L J. 67. L C

65. L J. 67. L C

67. L O

71. L O. 72. L G

2 OUTPUT OUT JF RANGE, NEW BIAS =

CONTROL=00COUGOOUGOL

2 OUTPUT CUT JF RANGE, NEW BIAS =

CONTROL=00COUGOOOGOL

2 DUTPUT GUT JF RANGE, NEW BIAS =

CONTROL=00COUGOOOGOL
                                                                                                                                                0.
LEVEL
                                                                                                                                                            -1.49999996
  LEVEL
                           2 DUTPUT OUT JF RANGE, NEW BIAS =
CMTROL*ODCODODODOD
2 UUTPUT OUT UF RANGE, NEW BIAS =
CDNTRGL*ODCODODODODO
2 UUTPUT OUT JF PANGE, NEW BIAS =
CDNTROL*DOCODODOGO
2 UUTPUT OUT UF RANGE, NEW BIAS =
CONTROL*ODCODOOCODO
2 UUTPUT CUT JF RANGE, NEW BIAS =
CONTROL*ODCODOOCODO
7 PIAS CHANGES
 LEVEL
  FEAEF
                                                                                                                                                             -2.74999991
  LEVEL
                             LEVEL 2 MS =
                                                                                                       = 2A:8 00000010.0
                                                                                                                                                                                         -2.8/499991
                                                                                                                                                                                                                                                           COMP. U.
  COMP. CUTPUT COMP. OUTPUT

1.2 G.7564034 222 0.

SUM NO. 1 15 0.48640

SUM NO. 2 15 0.
                                                                                                                                                                                 COMP. GUTPUT
0. C C.
                                                                                                                                                                                                                                                                                            OUTPUT
                                                                                                                                                                                                                                                                                                                                         COMP. OUTPUT
  *** 131 INPUT H4
#INPS=000000000005
                                                                               INDENTIFICATION CORRECT
MEYES=000000000014 INDICT=00000000000
 LEVEL 1 CUIPUT OLI UF RANGE, NEW BIAS = CONTROL = CONTRO
-0.44020809
                                                                                                                                                            -1.25365314
                                                                                                                                                            -2.96709817
                                                                                                                                                            -1-55869503
```

÷- _

0.70000000

e145 -

-1.30001065

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LEVEL 1 MS .
                                                       0.20000000 BIAS = -1.55869503
                                 OUTPUT
                                                      com.
                                                                     OUTPUT
                                                                                                                                                                      OUTPUT
5. 1 0
10. 1 0
20. 1 0
25. 1 0
30. 1 0
35. 1 0
40. 1 0
45. 1 0
55. 1 0
60. 1 0
65. 1 0
70. 1 0
                                                                                         COMP.
                                                                                                        OUTPUT
                    1. 1
6. 1
11. 1
16. 1
21. 1
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0.
0.
0.
0.
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0.
0.
0.
                                                                                                                                                                COMP.
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0.
0.6171148
24. I
29. 1
34. I
39. I
44. I
54. I
59. 1
64. I
69. I
C. 0
                                                                                                                                                                                       0.
0.
                                                                                                                                                                                       0.6417904
0.
0.
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                                                                                                                                                  0.6238975
                                                                               -3.51690865
                                                                               ~2.00845432
                                                                              ~1.25422716
                                                                              ~1.63134074
                                                                              ~1.44278395
                                                    0.01000000 BIAS = -1.44278395
                 COMP. QUTPUT
1. 2 0.
1 IS 0.
2 IS 0.91505
                                                    COMP. OUTPUT COMP. OUTPUT
2. 2 0.9150457 0. 0 0.
                                                                                                                          COMP. OUTPUT
0.0 0.
                                                                                                                                                             COMP. OUTPUT
0. 0 0.
      SUM NO.
      *** 132 INPUT V4
MEMPS=0000000000004
                                           INDENTIFICATION CORRECT
NCYCS=0000000000014 INDICT=000000000001
     LEVEL 1 DUTPUT OUT OF RANGE, NEW BIAS = CONTROL=00000000001
LEVEL 1 OUTPUT OUT OF RANGE, NEW BIAS =
                                                                               0.01371993
                                                                              0.03744383
           CONTROL=0000000000003
                 LEVEL 1 MS =
                                                     0.20000000
                                                                       BIAS =
                                                                                            0.03744363
                COMP.
                             UUTPUT
                                                  COMP.
2. 1
7. 1
                                                                 OUTPUT
                1. 1
6. 1
11. 1
16. 1
21. 1
26. 1
31. 1
36. 1
41. 1
56. 1
61. 1
                                                                                                          PUT COMP. (
0.3785409 4.1
0.24:2506 9.1
                                 0.0.6874539
                                                                                                    Output
                                                                     0.3794341
0.
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0.1816489
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0. 2056557

0. 0. 0. 1715603

0.1271147

0.1803298
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                                 0.0609882
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0.1402171
0.1563128
                                                                                                           0.0371824
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23. 1
28. 1
33. 1
38. 1
43. 1
48. 1
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0.2150763
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64. 1
69. 1
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                                 0.2314167
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  46. 1 0.2314167 47. 1
51. 1 0. 52. 1
56. 1 0. 57. 1
61. 1 0.1248619 62. 1
66. 1 0.0905652 67. 1
71. 1 0. 72. 1

LEVEL 2 DUTPUT OUT OF RANGE, NEW BIAS =
CONTROL=00000000001
1 BIAS CHANGES
                                                                     0.0003013
                                                                                                                                               0.0022399
                                                                                                                                                                                   0.0277400
                                                                                                          0.
                                                                                                                                               0.0103726
                                                                     0.3069591 68
0.1573841 0
               LEVEL 2 MS .
                                                  0.01000000 BIAS = -0.53228721
             COMP. DUTPUT COMP. OUTPUT COMP. GUTPUT

1. 2 0.5821985 2. 2 0.4178015 0. 0 0.

1 IS 0.58220 0.41780
                                                                                                                       COMP. OUTPUT
                                                                                                                                                         COMP. OUTPUT
   SUM NO.
  P+0 133 INPUT H5
MINPS=0000000000003
                                       INDENTIFICATION CORRECT
NCYCS=00G000000014 INI
                                                                               INDICT=0000000000001
-0.41876620
                                                                         -1.38995665
                                                                         -1.32058591
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COMP.
4. 1
9. 1
14. 1
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6. 1
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61. 1
56. 1
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42. 1
51. 1 0. 47. 1
51. 1 0. 52. 1
56. 1 0. 57. 1
61. 1 0. 62. 1
66. 1 0. 67. 1
71. 1 C. 72. 1
CONTROL=000000000001
2 DUTPUT OUT OF RANGE, NEW BIAS =
CONTROL=000000000003
2 BIAS CHANGES
LEVEL 2
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65. 1
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                                                                                              LEVEL
                                                                                                                                                                                  -0.86213933
                                                                                                                                                      0.01000000
                                                                                                                                                                             BIAS = -0.86213933
                                                                                                           CUMP.
                                                                                                                                                    COMP. OUTFUT COMP.
2- 2 1.0000000 0. 0
                                                                                                                          UUTPUT
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                                                                                                               1 15
                                                                                              SUM NO.
                                                                                                                               1.00000
                                                                                              *** 134 INPUT V5
                                                                                                                                          INDENTIFICATION CORRECT NCYCS=000000000014 INC
                                                                                                                                                                                        [NDICT=0000000000001
                                                                                            -0.15226699
                                                                                                                                                                                 -0.42878820
                                                                                                                                                                                 -0.70538941
                                                                                                                                                                                 -0.56704880
                                                                                                           LEVEL I MS .
                                                                                                                                                    0.20000000
                                                                                                                                                                              BIAS =
                                                                                                                                                                                                -0.63617910
                                                                                                         CUMP.
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12.
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6. 1
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16. 1
21. 1
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31. 1
36. 1
41. 1
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1.4600364
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1.0351741
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51. 1
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0.1727511
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o.
o.
                                                                                                                                                                        0.
                                                                                                         71. 1 C. 72. 1 0
2 CUTPUT DUT DE RANGE, NEW BIAS =
CONTROL=00CUOU00001
2 CUTPUT OUT DE RANGE, NEW BIA' =
CONTROL=000000000001
2 CUTPUT OUT DE RANGE, NEW BIAS =
CONTROL=00CO00000003
                                                                                           LEVEL
                                                                                          FEAEF
                                                                                                        -18.91753197
                                                                                           LEVEL
                                                                                                                                                                               -5.85438299
                                                                                          LEVEL
```

DUTPUP

0.9698389

BIAS = -1.32058591

COMP.

CUTPUT

DUTPUT

COMP.

OUTPUT

LEVEL

COMP.

TEAET TEAET

LEVEL

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OUTPUT

AS =

71148

-3.67719147

~2.58854572 -2.04429784 -2.31644678

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LEVEL
                                          0.01000000 BIAS .
                                                                         -2.45252126
                                         COMP.
                                                    OUTPUT
                                                                                                   COMP. OUTPUT
U. 0 0
                                                                      COMP.
                                                                                                                                CGMP. CUIPUT
                         0.9931826
                                            2. 2
  SUM NO.
SUM NO.
               2 15
  ••• 135 INPUT H6
MIMPS=0000000000001
                                  INDENTIFICATION CORRECT
NCYCS=0000000000014 IN
                                                                  INDICT = 0000000000001
 -0.52330562
                                                             -1.47216/97
                                                             -1.52490364
            LEVEL 1
                            MS =
                                         0.20000000
                                                            BIAS =
                                                                      -1.52490364
                                                                                                 COMP.
4. 1
9. 1
           COMP.
1. 1
6. 1
11. 1
                       OUTPUT
                                        COMP.
                                                    OUTPUT
                                                                     COMP.
                                                                                  DUTPUT
                                                                                                              OUTPUT
                                                                                                                                COMP.
                                                                                                                                           OUTPUT
                         C.
                                            2. 1
7. 1
                                                        0.1207475
                                                                                                                                       5. î
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15 · 1
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52. 1
57. 1
62. 1
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0.3541362
0.0633305
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                                                        0.1944414
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45. 1
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59.
64.
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0.5454968
                                                                                      0.
0.2193574
                                                                                                                                                   0.7957874
              0.
                                                                         58. 1
                                                                                                       69.
                                                                                                                                       70.
LEVEL 2 UUTPUT OUT OF RANGE,

CONTROL=00C000000001

LEVEL 2 OUTPUT OUT OF RANGE,

CONTROL=00C000000003

2 BTAS CHANGES
                                          NEW BIAS = -0.57075153
           LFVEL 2
                                         0-01000000 BIAS = -0.57075153
                                                                                                 COMP. ...
                                                                                                                              COMP. 0.0
          COMP.
1. 2
1 IS
2 IS
                                       COMP. OUTPUT COMP. OUTPUT 2. 2 1.0000000 0. 0 0.
                     0.
0.
                                                                                                             OUTPUT
                         1.00000
 *** 136 INPUT V
                                 INDENTIFICATION CORRECT
MCYCS=000000000014 INDICT=000000000001
               INPUT VE
-0.26886702
                                                            -0.59706522
                                                            -0.92530343
           LEVEL 1 MS =
                                        0.20000000
                                                                                                 COMP.

4. 1
9. 1
14. 1
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                                                                        -0.92530343
          COMP.
                      001901
                                                   DUTPHT
                                                                                                             OUTPUT
1 0.
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13. 1
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             LEVEL
          LEVEL
                                                           -1.49999996
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LEVEL
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Address to a sub-tourist 2

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NUTPUT
                                                                                                                                                                                                                                                                      -2.39999991
                                                                                                                                                ".01000000 HIAS #
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CUMP.
                                                                                                                                                                                                                                                                                                                                                                        CUMP. OUTPUT
                                                                                                                                                                                                                                                          CUMP. GUTPUT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  0. 0
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                                                                               JUMPLE
                                                                                                                                                                                                                                                                                o. c
                                                                                                                                                                                                                                                                                                                  0.
                                                                                                                                                         2. 2
                                          1. 2
1 15
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                                                                                      0.1074458
                                                                                                                        INDIC. #COOCOODOOPT INDIC. #COOCOODOOPTO
   +++ 137 INPUT H1
#IMPS=00UCU0UDORE3
LEVEL 1 DUIPUT CUT OF RANGE, NEW BIAS =

LEVEL 1 CUTPUT OUT JF RANGE, NEW BIAS =

LEVEL 1 CUTPUT DUT OF RANGE, NEW BIAS =

LEVEL 1 CUTPUT DUT OF RANGE, NEW BIAS =

LEVEL 1 CUTPUT DUT JF RANGE, NEW BIAS =

LEVEL 1 CUTPUT OUT JF RANGE, NEW BIAS =

LEVEL 1 CUTPUT OUT JF RANGE, NEW BIAS =

LEVEL 1 CUTPUT OUT JF RANGE, NEW BIAS =

LEVEL 1 CUTPUT OUT JF RANGE, NEW BIAS =

LEVEL 1 CONTROL=DOCUULOUOUT

6 HIAS CHANGES
                                                                                                                                                                                                                                  -0.41788627
                                                                                                                                                                                                                                    -1.23830149
                                                                                                                                                                                                                                    -2.05871668
                                                                                                                                                                                                                                     -1.64850910
                                                                                                                                                                                                                                    -1.44340530
                                                                                                                                                                                                                                   -1.545 5715
                                                                                                                                                                                                                                   BIAS = -1.54595719
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CUTPUT
                                                                                                                                                                                                                                                                                                                   0.20000000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMP.
                                                  LEVEL 1 MS =
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                                                                                                                                                                                                                                                  -0.31757265
                     LEVEL
                                                                                                                                                                                                                                                     -0.63514534
                      LEVEL
                                                                                                                                                                           0-01000000 BIAS = -0.63514534
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMP. 0.0 0.
                                                                                                                                                                                                                                                                                                                                                                                                 COMP. OUTPUT
                                                               LEVEL ? MS =
                                                                                                                                                                       COMP. DUTPUT COMP. 2., 2 1.0000000 0.
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                                                          COMP. CUTPUT
1. 2 0.
1. 1 15 G.
1. 2 15 1.000
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6.
1.00000
                             SUM NO.
                                                                                                                                                  INCENTIFICATION LORRECT INDICT = 0000000000001
                              --- [38 ]NPUT VI
MINPS=000000000012
                            -0.30128625
                                                                                                                                                                                                                                                              -1.0222458B
                                                                                                                                                                                                                                                              -1.14240582
                                                                                                                                                                                                                                                                                                                                                                                                                                                    001PUT

1 0-

1 0-

0-6045087
                                                                                                                                                                                                                                                                                                                    1.14240582
                                                                                                                                                                                                                                                              81A5 =
                                                                                                                                                                                         0.20000000
                                                                                                                1 MS =
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38. i 0.1513391 37. i 0.
41. i 0.
57. i 0.
41. i 0.
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68. i 0.
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69. 
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120 1

170 1

220 1

270 1

370 1

370 1

420 1

470 1

570 1
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0.01000000
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0. 0 0
                                     1.0117297
                                                                2. 2
                                                                                                                                                                                                OUTPUT
       *** 139 INPUT H2
MINPS=000000000011
                                                  INDENTIFICATION CURRECT NCYCS=000000000014 INDICI=000000000001
      LEVEL
                                                                                       -0.40808037
                                                                                       -1.81626654
             ** CONTROL=0000000000007
4 BIAS CHANGES
                    LEVEL L MS .
                                                           0.20000000 BIAS - -1.46422000
                  COMP.
1. 1
6. 1
11. 1
                  COMP. QUTPUT LOMP. QUTPUT

1. 1 0. 2. 1 0.
6. 1 0. 7. 1 0.
11. 1 0. 12. 1 0.
16. 1 0. 6368376 17. 1 0.
21. 1 0. 27. 1 0.
22. 1 0.
24. 1 0. 27. 1 0.
31. 1 0. 32. 1 0.
36. 1 0. 37. 1 0.
41. 1 0.5355812 42. 1 0.5308481
46. 1 0. 57. 1 0.
51. 1 0. 52. 1 0.
51. 1 0. 57. 1 0.
61. 1 0. 67. 1 0.
62. 1 0.
63. 1 0. 67. 1 0.
64. 1 0. 67. 1 0.
65. 1 0. 67. 1 0.
66. 1 0. 67. 1 0.
67. 1 0.
68. 1 0. 67. 1 0.
69. 1 0. 6929687

CONTROL=000000000001
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    LEVEL 2 OUTPUT OUT OF RANGE. NEW DIAS -
CONTROL=000000000001
2 OUTPUT OUT OF RANGE. NEW BIAS = -0.75041457
CONTROL=000000000003
2 BIAS CHANGES
                                                          0.01000000 BIAS # -0.75041457
                COMP.
1. 2
1 IS
                                OUTPUT
C.
O.
                                                       COMP. OUTPUT
2. 2 1.00
                                                                            JTPUT COMP. OUTPUT
1.0000000 0.0 0.
                                                                                                                                      COMP. OUTPUT
0. 0 0.
                                                                                                                                                                             COMP. OUTPUT
    SUM NO.
                                   1.00000
    *** 140 INPUT V2
MINPS*000000000010
                                              INDENTIFICATION CCRRECT NCYCS=000000000014 INDICT=000000000001
  -0.35277820
                L OUTPUT DUT UP NAME
CONTROL = 0000000000007
5 BIAS CHANGES
                                                                                   -1.05722864
                            1
                                        MS =
                                                        0.20000000 BIAS .
                                                                                                -1.05722864
               COMP.
                                                      2. L
7. 1
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20. 1
25. 1
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27. 1
32. 1
                                   1.1387419
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28. 1
33. 1
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42. 1
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0.4860371
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69.
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                                                                                 -3.44994948
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LEVEL 2

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LEVEL 2 MS a
                                                                                                                      0.01000000 BIAS .
                                          COMP.
1. 2
1 IS
2 IS
                                                                                                                 COMP...
2. 2
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0. 0 0.
                                                                                                                                                                                                                                                                       COMP. 0
                                                                      1.0914223
1.09142
                                                                                                                                                                                                                                                                                                                                                  COMP. OUTPUT
0. 0 0.
                                                                                                                                                                                                                                                                                                       DUTPUT
                                                                                               * INDENTIFICATION CORRECT
NCYCS=000000000314 INDICT=000000000001
                   *** 141 INPUT H3
MINPS=0000000000007
                LEVEL 1 DUY^UT OUT OF RANGE, NEW BIAS = 
CONTROL=00C000000001
1 OUTPUT OUT OF RANGE, NEW BIAS = 
CONTROL=00C000000003

LEVEL 1 DUTPUT OUT OF RANGE, NEW BIAS = 
CONTROL=00C0U0000003

LEVEL 1 DUTPUT OUT OF RANGE, NEW BIAS = 
CONTROL=00C0U00000007
4 BIAS CHANGES
                                                                                                                                                                      -0.50691921
                                                                                                                                                                        -1.30786216
                                                   4 BIAS CHANGES
                                           LFVEL 1 ÁS =
                                                                                                                      0.20000000 BIAS # -1.30786216
                                                                                                                                                                                                                                                                      CUMP. (COMP. (COMP. COMP. COMP
                                         COMP.
                                                                      OUTPUT
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                                                                                                                                                 DUTPUT
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1 0.6882340
1 0.
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                                               1 s 1
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0.4517313
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0.5006107
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0.
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69. 1
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               LEVEL 2 OUTPUT OUT UF RANGE, NEW BIAS =

CONTROL=00C000000003

CONTROL=00C000000003

2 BIAS CHANGES
                                            71. 1 0. 72. 1 C
                                                                                                                                                                           0.19151601
                                                                                                                                                                          0.38303204
                                           LFVEL 2 MS *
                                                                                                                   0.01000000 BIAS . 0.38303204
                                                                                                                 COMP. DUTPUT COMP. DUTPUT 2. 2 1.0000000 0. 0 0.
                                       CUMP. UUTPUT

1. 2 C.

1 IS 0.

2 IS 1.00000
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0. 0 0.
                                                                                                                                                                                                                                                                                                                                               COMP. OUTPUT
                 *** 142 INPUT VE
                                                     INPUT V3
                                                                                        INDENTIFICATION CORRECT
NCYCS=00000000014 INDICT=00000000001
               LEVEL 1 MS =
                                                                                                                   0.20000000 BIAS - -0.71535663
                                                                                                                                                                                                                          0.
0.
0.
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59. 1
64. 1
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0.8899607
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20. 1
25. 1
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0.4912629
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1.0730531
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BIAS = -2.99999991
                                                                                     OUTPUT COMP. OUTPUT
0.9615171 2. 2 0.
0.96152
0.
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0. 0 0.
                                                         1. 2
1. 15
2. 15
                                                                                                                                                                                                                                                                                                                  COMP. OUTPUT
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0. 0 0.
                            *** 143
                          INDENTIFICATION CORRECT
NCYCS=000000000014 1 v6
                                                                                                                                                                                                                 100000000000=1310+1
                     -0.44017281
                     reaer
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                                                                                                                                                                                               ~1.56417108
                                                   LEVEL 1 MS .
                                                                                                                                      0.20000000 BIAS = -1.56417108
            COMP. DUIPUT COMP. OUTPUT

1. 1 0. 2. 1 0.
6. 1 0. 7. 1 0.
11. 1 0. 12. 1 0.
16. 1 0. 17. 1 0.
21. 1 0. 22. 1 0.
26. 1 0. 27. 1 0.
31. 1 0. 32. 1 0.
36. 1 0. 32. 1 0.
36. 1 0. 32. 1 0.
41. 1 0. 42. 1 0.
41. 1 0. 55.3774 52. 1 0.
51. 1 0.6553774 52. 1 0.6
51. 1 0.6553774 52. 1 0.6
66. 1 0. 67. 1 0.
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65. 1
70. 1
0. 0
                                             LEVEL 2 MS .
                                                                                                                              0.01000000 BIAS 4 -1.49999996
              COMP. OUTPUT
1.2 0.
SUM NO. 1 15 0.
SUM NO. 2 16 1.00889
                                                                                                                            COMP. OUTPUT COMP. 2. 2 1.0088912 0.
                                                                                                                                                                                                                                P. QUTPUT
0.0 0.
                                                                                                                                                                                                                                                                                                     COMP. GUTPUT
                                                                                                                                                                                                                                                                                                                                                                                          COMP. OUTPUT
0. 0 0
              #00 144 INPUT V4
MINPS=0000000000004
                                                                                                        LEVEL | GUTPUT OUT UF RANGE, NEW PIA" = -0.04026514

CONTROL-000000000001
| GUTPUT OUT UF RANGE, NEW RIAS = -0.10081962
| CONTROL-0000000000003
| 2 BIAS CHANGES
LEVI.

C(IMP. Db.

Le 1 C.
6. 1 C. 1495.

II. 1 C.
16. 1 C. 27.
26. 1 U. 27. 1
31. 1 C. 32. 1
36. 1 C. 37. 1
31. 1 C. 32. 1
36. 1 C. 37. 1
31. 1 C. 32. 1
36. 1 C. 37. 1
31. 1 C. 32. 1
36. 1 C. 37. 1
37. 1
41. 1 C. 37. 1
51. 1 C. 52. 57. 61. 1
66. 1 C. 0.493739 62
66. 1 C. 0.312919 61
71. 1 C. 74NCE, 7

CONTACT = COCOUDOU OUT 1
1 BIAS (FA 40E)
                                       LEVEL I MS .
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                                                                                                                                                                              BIAS .
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COMP.

3. 1
8. 1
13. 1
16. 1
23. 1
28. 1
33. 1
48. 1
53. 1
68. 1
68. 1
68. 1
                                                                                                                                                                                                                                                                                                 DUTPUT
                                                                                                                                                                                                                                                          0.5150050
                                                                                                                                                                                                                                                                                                                                     CUTPUT
                                                                                                                                                                                                                                                                                                                                                  07 CO
0.0507407
02
02
02
0.2901128
0.1631684
0.1537418
02
0.
0.
0.
0.
0.
0.
0.
0.
0.
                                                                                                                                                                                                                                                                                                                                                                                                  5. 1
10. 1
15. 1
20. 1
25. 1
30. 1
35. 1
40. 1
55. 1
60. 1
65. 1
70. 1
                                                                                                                                                                                                                                                                                                                                                                                                                                               0.
0.2497592
0.1505717
0.1641043
                                                                                                                                                                        0.0651620
                                                                                                                                                                      0.
                                                                                                                                                                                                                                                                                                                                                                                                                                               0.0263405
```

LEVEL 2 MS =

0.51000000

```
0.01000000 BIAS - -0.4.312380
                    LEVEL 2 MS .
                                                                                                                                                                                      COMP. (
                                                                                                                                                                                                                                                           COMP. OUTPUT
                                                                           COMP. OUTPUT COMP. OUTPUT
2. 2 0.7191153 0. C 0.
                                                                                                                                                                                                                         CUTPUT
D 0.
 CUMP. OUTPUT
1. 2 0.2808847
SUM ND. 1 15 0.28088
SUM NO. 2 15 0.71912
                                                               | IDENTIFICATION | INCORRECT. | NCYCS=000000000013 | INDICT=000000000001
*** [45 INPUT H5
0.20000000 BIAS - 0.07773675
                     LEVEL 1 MS =
                                                                                                            TPUT CUMP.

0.2140345 3. 1
0. 0. 13. 1
0. 2439738 18. 1
0. 23. 1
0. 28. 1
0. 33. 1
0. 33. 1
0. 48. 1
0. 53. 1
0. 58. 1
0. 63. 1
0. 63. 1
0. 63. 1
                                                                                                                                                                                                                           OUTPUT CO
1 0.0055833
1 0.2663089
                                                                             COMP.
2. 1
7. 1
                                                                                                     OUTPUT
                                                                                                                                                                OUTPUT
                    COMP.
                                          OUTPUT
                                                                                                                                                                           0.1456171
0.2882410
0.
0.1437869
                                                0.
                                                                                                                                                                                                                                         0.1045409
                                                                                                                                                                                                                                                                                                       0.0679967
0.1889938
                                                                                                                                                                                                                                                                           20. 1
25. 1
30. 1
35. 1
40. 1
45. 1
                          0.1259826
                                                                                                                                                                                                                                         0.1299681
0.1149064
0.2102464
                                                                                                                                                                                                                                                                                                       0.2191687
                                                                                                                                                                                                                                                                                                       0.
0.
0.1207141
0.1074741
                       31. 1
                                                                                                                                                                           0.
0.0970208
0.
0.0521510
                                                                                                                                                                                                                                        0.
0.0723464
0.1183759
0.
0.
                                                                                                        0.

0.

0.

0. 63-

0.2227316 68-

0.1558792 0.

-0.25413390
                                                                                                                                                                                                                                                                                                       0.0958409
                                                                                                                                                                                                                                                                                                       0.0199885
                                                                                                                                                                                                                                         0.1961814
                       66. l
71. l
  LEVEL 2 DUTPUT OUT UP KNOW CONTROL=00C00000001
1 BIAS CHANGES
                                                                              0.01000000 BIAS = -0.25413390
  COMP. OUTPUT
1. 2 0.7062761
SUM NO. 1 IS 0.73628
SUM NO. 2 IS 9.29372
                                                                                                                                                                                                  COMP. OUTPUT
0.0 0.
                                                                                                                                                                                                                                                            COMP. OUTPUT
0.0 C.
                                                                             COMP. OUTPUT COMP. OUTPUT 2. 2 0.2937239 0. 0 0.
                                                                *** 146 INPUT H5
MINPS=000000000003
  4 BIAS CHANGES
                       LEVEL 1 MS .
                                                                                  0.20000000
                                                                                                                       BIAS = -1.27993104
                                                                                                                                                                                                    COMP. C
4.1
7 9.1
14.1
19.1
24.1
29.1
34.1
                                                                               COMP.
2. 1
7. 1
                                                                                                       OUTPUT
0.9355740
0.
0.
                      COMP.
                                                                                                                                          COMP.
                                                                                                                                                                   CUTPUT
                                                                                                                                                                                                                             OUTPUT
                                                                                                                                                                                                                                                                COMP.
                                              OUTPU
                                                                                                                                                                             0.
0.2902877
                        1. 1
6. 1
11. 1
16. 1
21. 1
26. 1
31. 1
36. 1
                                                                                    17. 1
22. 1
27. 1
32. 1
37. 1
42. 1
47. 1
52. 1
                                                   0.
0.
0.7198475
                                                                                                                                                   23. 1
                                                                                                                                                                                                                                           0.7198628
                                                                                                                                                                                                                                                                               35.
40.
45.
                                                                                                                                                    38. 1
43. 1
48. 1
53. 1
58. 1
                                                                                                                                                                                                                                                                                                         1.9164572
   51, 1 0. 52, 1 0. 53, 61, 1 0. 53, 61, 1 0. 57, 1 0. 58, 61, 1 0. 62, 1 0. 63, 66, 1 0. 67, 1 0.6172662 68, 71, 1 0. 72, 1 0. 6172662 68, 62, 1 0. 72, 1 0. 6172662 68, 62, 1 0. 72, 1 0. 6172662 68, 62, 1 0. 72, 1 0. 6172662 68, 62, 1 0. 6172662 68, 62, 1 0. 6172662 68, 62, 1 0. 6172662 68, 62, 1 0. 6172662 68, 62, 1 0. 6172662 68, 62, 1 0. 6172662 68, 62, 1 0. 6172662 68, 62, 1 0. 6172662 68, 62, 1 0. 6172662 68, 62, 1 0. 6172662 68, 62, 1 0. 6172662 68, 62, 1 0. 6172662 68, 62, 1 0. 6172662 68, 62, 1 0. 6172662 68, 62, 1 0. 6172662 68, 62, 1 0. 6172662 68, 62, 1 0. 6172662 68, 62, 1 0. 6172662 68, 62, 1 0. 6172662 68, 62, 1 0. 6172662 68, 62, 1 0. 6172662 68, 62, 1 0. 6172662 68, 62, 1 0. 6172662 68, 62, 1 0. 6172662 68, 62, 1 0. 6172662 68, 62, 1 0. 6172662 68, 62, 1 0. 6172662 68, 62, 1 0. 6172662 68, 62, 1 0. 6172662 68, 62, 1 0. 6172662 68, 62, 1 0. 6172662 68, 62, 1 0. 6172662 68, 62, 1 0. 6172662 68, 62, 1 0. 6172662 68, 62, 1 0. 6172662 68, 62, 1 0. 6172662 68, 62, 1 0. 6172662 68, 62, 1 0. 6172662 68, 62, 1 0. 6172662 68, 62, 1 0. 6172662 68, 62, 1 0. 6172662 68, 62, 1 0. 6172662 68, 62, 1 0. 6172662 68, 62, 1 0. 6172662 68, 62, 1 0. 6172662 68, 62, 1 0. 6172662 68, 62, 1 0. 6172662 68, 62, 1 0. 6172662 68, 62, 1 0. 6172662 68, 62, 1 0. 6172662 68, 62, 1 0. 6172662 68, 62, 1 0. 6172662 68, 62, 1 0. 6172662 68, 62, 1 0. 6172662 68, 62, 1 0. 6172662 68, 62, 1 0. 6172662 68, 62, 1 0. 6172662 68, 62, 1 0. 6172662 68, 62, 1 0. 6172662 68, 62, 1 0. 6172662 68, 62, 1 0. 6172662 68, 62, 1 0. 6172662 68, 62, 1 0. 6172662 68, 62, 1 0. 6172662 68, 62, 1 0. 6172662 68, 62, 1 0. 6172662 68, 62, 1 0. 6172662 68, 62, 1 0. 6172662 68, 62, 1 0. 6172662 68, 62, 1 0. 6172662 68, 62, 1 0. 6172662 68, 62, 1 0. 6172662 68, 62, 1 0. 6172662 68, 62, 1 0. 6172662 68, 62, 1 0. 6172662 68, 62, 1 0. 6172662 68, 62, 1 0. 6172662 68, 62, 1 0. 6172662 68, 62, 1 0. 6172662 68, 62, 1 0. 6172662 68, 62, 1 0. 6172662 68, 62, 1 0. 6172662 68, 62, 1 0. 6172662 68, 62, 1 0. 6172662 68, 62, 1 0. 617262 68, 62, 1 0. 617262 68, 62, 1 0. 61726
                                                                                                                                                                             0.
0.3328567
                                                                            0.01000000 BIAS * -0.61581884
                                                                                                                                                                                                                                                                COMP. 00
0.0
    CDMP. OUTPUT
1. 2 0.
SUM NO. 1 15 0.
SUM NO. 2 15 1.00000
                                                                              COMP. OUTPUT COMP. OUTPUT 2. 2 1.0000000 0. 0 C.
                                                                                                                                                                                                     0. 0 0.
                                                                                                                                                                                                                                                                                        DUTPUT
      *** 147 | INPUT V5
                                                                 INDENT*+ICATION CURRECT
NCYCS=000000000014 INDICT=00000000000001
```

---, -

```
LEVEL L UUTPUT OUT OF RANGE, NEW BIAS = CONTROL=00C000000003
LEVEL 1 UUTPUT OUT OF RANGE, NEW BIAS = CONTROL=000000000003
3 BIAS CHANGES
                                                                    -0.40910770
                                                                    -0.66799642
             LEVEL
                       l MS .
                                              0.20000000
                                                                  BIAS =
                                                                                -0.66799642
                                                                                                            COMP.
4. 1
9. 1
14. 1
                                            COMP.
2. 1
7. 1
            COMP.
                                                                            3. 1
8. 1
                         OUTPUT
                                                         DUTPUT
                                                                                                                          CUTPUT
                                                                                                                                              COMP.
                                                                                                                                                           OUTPUT
             1. 1
6. 1
11. 1
                            0.
1.0765902
C.
                                                              o.
                                                                                               0.
                                                                                                                                 0.
0.
0.
0.
                                                                                                                                                                   0.
                                                                                                                                                     10. 1
15. 1
20. 1
25. 1
                                               12. 1
17. 1
22. 1
27. 1
32. 1
37. 1
42. 1
                                                                                 13. 1
18. 1
23. 1
28. 1
33. 1
                                                                                                                   14. 1
19. 1
24. 1
29. 1
34. 1
39. 1
44. 1
54. 1
59. 1
69. 1
0. 0
                                                              0.
                                                              0.
             16. 1
21. 1
                            0.
0.
0.
                                                                                                                                                     30. 1
35. 1
40. 1
50. 1
55. 1
60. 1
65. 1
70. 1
0. 0
                                                                                                                                 0.
0.1530364
0.
0.
0.
0.
0.
0.
                                                              0.9786513
                                                                                                                                                                   0.1062516
                           0.
0.
0.
0.9805347
           68.
 LEVEL
                                                                   -0.4999999
 LEVEL
                                                                   -1.49999996
 LEVEL
                                                                  -12.53572202
 LEVEL
                                                                    -2.87946522
 LEVEL .
                                                                   -2.53459892
                                                                   -2.36216575
             LEVEL 2
                                             0.01000000
                                                                 BIAS = -2.36216575
           CUMP. OUTPUT
2. 2 0.
                                                                            CUMP.
                                                                                       OUTPUT
                                                                                                            COMP. CUTPUT
0. 0 0.
                                                                                                                                            COMP. OUTPUT
0. 0 0.
                                                                                  0.0
 SUM NO.
 SUM NO.
 *** 148 INPUT H6
                                   INDENTIFICATION CORRECT
NCYCS=000000000014 INI
                                                                       INDICT=0000000000001
           L DUTPUT DUT UF RANGE, NEW BIAS = CONTROL=000000000001
1 DUTPUT DUT UF RANGE, NEW BIAS =
                                                                   -0.52658275
-1.38858065
                                                                   -2.25057855
LEVEL
                                                                   -1.50408013
                                                                   -1.49631040
               6 BIAS CHANGES
            LEVEL
                                            0.20000000
                                                                 BIAS =
                                                                               -1.49633040
          COMP.
                                                                                                                         OUTPUT
L 0.
                       DUTPUL
                                           COMP.
                                                        OUTPUT
                          0.
0.
0.
0.
0.
0.
0.
            1; 1
6; 1
11; 1
16; 1
21; 1
26; 1
                                              2 : 1
7 : 1
12 : 1
17 : 1
22 : 1
27 : 1
                                                                                                                                                   5. 1
10. 1
                                                            0.1259120
0.6187742
                                                                                                                                                                  0.
                                                                                                                                                    15. 1
20. 1
25. 1
30. 1
35. 1
                                                                                              0.
                                                                                                                  14.
19.
24.
29.
34.
39.
49.
54.
                                                                                                                                0.4438388
                                                            C.
O.
                                                                                18.
23.
                                                                                                                                0.
                                                                                              0.
                                                                                                                                                                   0.4949785
                                              27. 1
37. 1
37. 1
47. 1
57. 1
                                                                                28.
33.
38.
43.
48.
53.
                                                            0.2411219
                                                                                                                                                                  0.
                                                                                                                                0.5930135
                                                                                                                                                    45.
50.
55.
60.
65.
                                                                                              0.
0.
0.2728592
0.
                          0.
                                                             0.
                                                                                                                                0.
                                                                                                                                                                  0.6215587
         0.
0.8271728
                                                             0.5787991
LEVEL ..
                                                                  -0.60831256
```

• . .

```
LEVEL 2
                                                                           0.01000000
                                                                                                        81AS = -0.60831256
                                                                                                   1.0000000 COPP.
                                                                        COMP.
                                                                                            DUTPUT
                                                                                                                                               OUTPUT
                         1. 2
                                                                                                                                                                                                                                 COMP. OUTPUT
                                              0.
                                                                                                                                                                                                   OUTPUT
                                                                                                                                                                                         0. 0
                                               1.00000
     *** 149 INPUT V6
                                                           INDENTIFICATION CORRECT
NCYCS=000000000014 INC
                                                                                                                   1000000000000001
    LEVEL 1 OUTPUT OUT UF RANGE, NEW BIAS = CONTROL=00000000001

LEVEL 1 OUTPUT OUT UF RANGE, NEW BIAS = CONTROL=00000000003

LEVEL 1 OUTPUT OUT UF RANGE, NEW BIAS = CONTROL=000000000003

3 BIAS CPANGES
                                                                                                           -0.26615168
                                                                                                          -0.59958894
                                                                                                           -0.93302600
                      LEVEL
                                      ı
                                                   MS =
                                                                        0.20000000 BIAS =
                                                                                                                               -0.93302600
                                                                     COMP.

2. 1

7. 1

12. 1

17. 1

22. 1
                   COMP.
                                        OUTPUT
                                                                                          OUTPUT
                                                                                                                         COMP.
                                                                                                                                                                           COMP. (4. 1
9. 1
14. 1
19. 1
24. 1
                      1. i
6. l
                                                                                                                                             OUTPUT
                                                                                                                                                                                                DUTPUT
                                                                                                                                                                                                                              COMP.
                                                                                                                              3. 1
8. 1
13. 1
16. 1
23. 1
                                                                                                                                                                                                                                                    OUTPUT
                                                                                                                                                                                                                                          5. I
10. I
15. I
                                                                                                                                                                                                            ٥.
                                                                                                                                                                                                                                                                 1-0667487
                                            o.
                                                                                                                                                                                                                                                                0.
                      16. 1
21. 1
                                            0.
                                                                                                 0.
                                                                                                                                                       ٥.
                                            c.
                                                                                                 0.
                                                                                                                                                                                                           o.
                 26. 1 0. 27. 1 1
31. 1 0. 32. 1 0
36. 1 1.1656420 37. 1 0
41. 1 C. 42. 1 0
46. 1 0. 47. 1 0
51. 1 0. 52. 1 0
56. 1 0. 57. 1 0
61. 1 0. 67. 1 0
66. 1 0. 67. 1 0
67. 1 0. 7248541 67. 1 0
67. 1 0. 7248541 67. 1 0
2 0UTPUT OUT OF RANGE, NEW BIAS =
CONTROL=000000000001
2 GUTPUT OUT OF RANGE, NEW BIAS =
CONTROL=0000000000001
2 OUTPUT OUT OF RANGE, NEW BIAS =
CONTROL=0000000000001
2 OUTPUT OUT OF RANGE, NEW BIAS =
CONTROL=0000000000001
                                                                                                                                                      ٥.
                                                                                                                            28. 1
33. 1
38. 1
43. 1
48. 1
53. 1
58. 1
68. 1
0. 0
                                                                                               1.2999056
0.
0.
                                                                                                                                                                                                                                        36. 1
35. 1
40. 1
45. 1
50. 1
55. 1
60. 1
67. 1
70. 1
                                                                                                                                                     0.
                                                                                                                                                                                   29. 1
34. 1
39. 1
44. 1
49. 1
54. 1
59. 1
64. 1
69. 1
                                                                                                                                                                                                                                                                0.
                                                                                                                                                                                                                                                                 1.0667487
                                                                                                                                                                                                          0.
0.
0.
                                                                                                0.
                                                                                               0.
                                                                                                                                                                                                                                                                0_
                                                                                                                                                                                                                                                               0.
0.
0.
                                                                                                                                                    0.
 LEVEL
                                                                                                      -0.49999999
 LEVEL
               -3.49999988
 LEVEL
LEVEL
FEAEF
                                                                                                       -2.74999991
                       6 BLAS CLANGES
                  reaer 5
                                                                    0.01000000 BIAS =
                                                                                                                         -2.74999991
               CUMP.
1. 2
1 IS
2 IS
                                                                                                                             -- OUTPUT
0- 0
                                   OUTPUT
                                        UTPUT COMP. OUTPUT 0.9000618 2.2 0.
                                                                                                                   COMP.
                                                                                                                                                                                                                          COMP. OUTPUT
                                                                                                                                                                        COMP.
                                                                                                                                                                                            OUTPUT
SUM NO.
                                         0.90006
                                                                                                                                                                                  0. 0
*** 150
                       INPUT HI
                                                           INDENTIFICATION CORRECT
 MEN G-MEIGHTS FROM RESULT OF INPUT 150
                 COMPONENT 1. 1 G-HEIGHTS
                           0.49571228
                                                                                  0.51788330
0.50105286
-0.50091553
0.48864746
                                                                                                                                        0.50225830
0.49572754
-0.49334717
0.48864746
0.51882935
-0.50749207
                                                                                                                                                                                               0.49572754
-0.50091553
-0.50091553
0.48864746
0.51882935
-0.47732544
                         -0.50091553
-0.50091553
-0.50091553
-0.48864746
-0.50749207
                                                                                                                                                                                                                                                       -0.50091553
-0.50091553
-0.50091553
-0.51882935
-0.50749207
-0.47732544
                                                                                0.48864746
-0.50749207
-0.50749207
                COMPONENT 2. 1 G-WEIGHTS
                         1.00000000
0.06465149
-0.77958679
-0.00865173
0.65924072
-0.49551064
                                                                                  0.24597168
                                                                                                                                                                                               1.00000000
-0.77096558
-0.67408752
0.72462463
0.03233337
-0.50502014
                                                                                                                                         0.39845276
                                                                                0.24597168
0.16230774
-0.75033569
0.44294739
0.65924072
-0.50254822
                                                                                                                                                                                                                                                       0.12857056
-0.11997986
-0.66160583
0.72462463
-0.36474609
-0.61915588
                                                                                                                                       1.00000000
-0.23474121
0.72462463
0.03233337
-0.50500488
                         -0.50254422
                                                                                -0.50502014
               CI PONENT 3-1 G-WEIGHTS
                                                                              0.50776318
0.96778870
-0.50653076
0.04295349
0.59161377
-0.43836975
-0.68492126
                          0.52262878
                                                                                                                                       0.36735535
0.42083740
-0.66151428
0.78259277
0.28073120
-0.45593267
                        0.5262878
0.51968384
-0.13911438
-0.58261108
0.61938477
-0.68492126
                                                                                                                                                                                               0.48625183
-0.02026367
-0.96141052
0.78259277
0.32962036
                                                                                                                                                                                                                                                         0.20814514
                                                                                                                                                                                                                                                      -0.61338806
-0.51513672
0.57048035
-0.43836975
                         -0.45593262
                                                                                                                                                                                               -0.40312195
                                                                                                                                                                                                                                                       -0.43836975
               COMPONENT 4. 1 G-WEIGHTS
                         0.61370850
0.48977661
-0.63053894
                                                                               0.44732666
0.50210571
-0.62506104
0.50552368
0.49867249
-0.56744385
                                                                                                                                     0.45739746
0.51051331
-0.67362976
0.50898743
0.50213623
~0.58016968
                                                                                                                                                                                                                                                      0.47601318
-0.00024414
-0.63059998
0.49092102
0.
                                                                                                                                                                                                0.50350952
                                                                                                                                                                                             -0.62817303
-0.19253540
0.51031494
0.49971008
-0.58663940
                       -0.61959839
0.48368835
-0.56840515
-0.56411743
                                                                               -0.56840515
```

COMPONENT 5.	l G-WEIGHTS			
9.42150500	9.4(*86084	G-43597522	0.44589233	0-78
7.41986384 -0.56719971	0-675 99182 -0-4671 9 604	0.443740 8 4 -0.5 9 345 8 45	-0.49653516 -0.59385681	-0.52 -0.51
-0.29728699	0.79998779	0.19998779	0.	0.
0.79996/19	0.79998779	0.79798779	0.	-0.53
-0.57766724	0.	-0.59464553	-0.53933447	-0.57
-0.57444553	-0-59466553	0.	0.	0-
COMPONENT 6.				
0.43682861 0.36083984	0.29144287 1.60000000	0. 0.00004104	0.91078186 -0.46913147	-0-43
-0.45481673	-0.04330444	-0.55639658	-0.51157648	-0.80
-0.52622986 0.86676453	0.61846924 0.	0. 88 67 6 453 0.	0. 0.80398540	0.80
-0.64582825		-0.44323425	-0.64582825	0. -0.44
-0.77342224	0.	0.	0.	-0- 6 49
COMPONENT 7.	1 G-MEIGHTS			
1.00000000	1.09000000 0.16227722	1.00000000 9.16319275	0.17425537	0-17
-0.66728210	-0.46647339	-0.66802979	-0-64517639 -0-64824341	0- 0-
-0.66477966	0-66311646	0.66320601	0.67375020	0.66
3.67?95020	0-66253662	0.	0.	-0.481
-0.50509644 -0.50131226	-0.50131226 -0.50041199	-0.50054932	-0.50041199	-2-509
COMPONENT 8.		0.	c.	G.
0.25263977	0.18786147	0.41774733	0-26971436	A 300
1.00000000	1.0000000	0.61/74/33	0.26971436 -0.62919617	0.300 -0.009
-0.687606#1	-0.65232849	-0-45849304	0.	-0.687
-7-59880056 0.	0.	g. 1	1.30000000	1-000
-1.5 442)	#.00000000 -0.57794189	1.0000000 -0.57684326	0. -0.56449890	-0.576 0.
57,561 (* 1	-0-57794189	0.	0.	0.
	I G-WEIGHTS			
0.44911194	1.00000000	1.00000000	0.33091736	C-424
0.30329695 -0.53218079	0.02485657 -0.46392822	0.46710205 -0.40765076	-0.58010864	-0-005
-0.56753540	0.96405029	0.10783386	-0.63201904 0.	-0.611 0.96i
0.	1-00000000	0.	0.96405029	-0.035
-0.49330139 -0.67324829	-0-67324829	0.	-0.77853394	-0.673
COMPONENT 10.	-0.67324829 L G-WEIGHTS	0.	0.	0.
0.98641968	0.01617432	0.0401/500		
0.48826599	0.02378845	0.9882659 9 0.00561523	0.00315857 -0.64990234	0.986 -0.670
-0.64890682	-0.67019653	-0.00617981	-0.59542847	-0.085
-0.67399597	0.46585083	0.80307007	0.63546753	3.095
0.09555580 -0.58041382	0.46585063 -0.65496826	0.80307007	0.63546753	-0.654
-0.65496826	-0.65461731	-0.65461731 0.	-0.02758789 C.	-0.117 0.
COMPONENT 11. 1	G-WEIGHTS			
0.36624146	0.35707092	0.35707092	0.26777649	0-347
0.30387678	1.0000000	1.0000000	-0.56533813	-0.590
-0.569152#3 -0.57655334	-0.57223511 0.58116150	-0.56651306	-0.55940247	· .
0.58116150	0.55494690	0.58116150 0.54705811	0.57330322 0.	0.581 0.485
-0.517C8#84	-0.52717590	-0.49580383	-0.48570251	-0.465
-3.51 708 784	-0.48570251	0.	0.	0.
0.33164978	G-METGHTS 0.36506653	A 131/360	A A4444	
5.35954285	0.35882568	0.32752991 0.32710266	0.930236#2 0.	1.000
-0.76560+74	-0.77690125	-0.77334595	-0.23554943	-0.752
-0.69573+75	0.	0.	0.69279126	0.619
0.670150 <i>1</i> 6 -0.51841736	0.69229126 -0.56629944	0.65563965 -0.4997558n	0.67015076 -0.44981384	-0.449(-0.499)
-0.56629444	-0.44981384	0.	0.	C*
COMPONENT 13. 1	G-WEIGHTS			
0.38848877 0.569C1550	0.43605042 0.44990540	0.45640564 0.55928040	0.57922363	0.561
-0.44476118	-0.53431702	-0.45362854	-0.54269409 -0.46156311	-0.4794 -0.5971
-0.49605347	0.20074041	0.91352844	0.48066711	0.2007
0.60920715	0.91352844 -0.96275330	0-48066/11	0.20079041	-0.2837
-0.25/27/34	-0.25927734	-0.56446838 0.	-0.2H372192 0.	-0.643 ³
COMPONENT 14% 1	G-#EIGHTS			
1 4 71 3	0.33792114	0.89739014	0.42108154	0.4164
1 16 2 1 1 1 1	0.40745381 ~0.37542725	0.41853333 -0.54115295	-0.52398682 -0.46728516	-0.5346
			~U. 40 (/8516	-0.4782
-J.544;2;15 -0.53472;00	C.			
-3.544;2:15 -0.53472:00 -0.46586609	0.0.64062500	0. 0.a2435608	0.67765808 0.62084961	0.7706
-J.544;2;15 -0.53472;00	C.	0.	C.67765808	0.7706

COMPONENT 15. 1	5-mi (Gat's			
3.271C3142 3.24416077	0.25898743	0.63658032	1.00000000	
-9.54230412	0. 97544497 -0.53799438	9-20642273	-6.36256409	0.3030648 -0.5277710
-6.40142016	0-01835432	-0.5143 890 4 0.64839177	-0.51020013	-0.5172271
7.64064744 -2.51925459	0.64175415	0.64839172	0-701 0:0 32 9- 0 21:0110	2.4400174
-0.51986220	-2-51987220 -0-65377639	-0.45379639	-0.49272194	-0-5213928; -0-5192545
Composest to 1 (E1GHTS	٥.	0.	0.
1-000000000				
0.30986023	C.40553284 C.51776123	0.42648152	C.67552185	0.19577024
-0.00003657	-0-52931213	0.46684155 -0.59667859	-0.57611004	-0.54033325
-3.54011s41 0.53137207	0.53137707	0.51846313	-0.53958130 0.71185303	-0.66578918
-0.48785430	C.51046313 -0.50917051	0.64099121 -0.49433899	0.	0.54745483 -0.50917053
-0-47721964	-0-50417053	0.	-0 .509 17053 9 .	-0-487 85400 0.
COMPONENT II. I C	-ueights			••
0.54217-29	6.40297119	0.48925781	0.40334000	
7.51348550 -2.44560547	0-47724915	0.5081939*	0.49311829 -0.53181458	0.493118'7
-0.50002347	-0.52452087 0.080(-0-5403521a	-0-41209412	-0.47555>42 -0.4792 0 227
0.97984369	0.92984009	0. 0.08C61216	0.00061218	0-91912042
-2.59474731 -2.55421448	-0.04713446	-C.70344 <i>054</i>	0.97930 9 08 0.	-0.70344069 -0.70344069
	-0.70346049	0.	0.	0.
	- nf 1 CM1 2			
2.43176≥70 2.51769856	0.37126160 G.49670410	0.50781750	C.53358659	0.42534421
-0.46047505	-0.00437927	9-51557:22 -0-60087585	-0-5874448	-0.50036365
-C.59849548	0.64883798	0.66880/76	-0.58909407	-0.63669153
3.42262454 -0.53532410	0.45017700	0.	0.64860798 0.05253401	0-66880798 -0-48986815
-0.53532410	-0-54 66 7664 -0-54 66 766 4	-C. 4009 3994 0.	-0.42481995	-0.52032471
COMPONENT 19, 1 5-	at1GHTS	••	0.	0.
0.36219768	0.34967668	0.32760620		
2.31240#45 -0.50497437	0.35379028	1.000000c	0-34060669 -0-53776550	0.93348530
-0.51304625	-0.47972107 2-	-0.49468994	-0.48962134	-0.4 890 2239 -0.4 99 32 8 41
0.65753174	0.98922129	0.994033 a I G.	0.99403381	0.36515008
-0.64555359 -0.727783 <u>2</u> 0	-0.00474974	-0-75148010	0. -C.62167195	-0-62167195
Comment	-0.62197195 6E1GHTS	0.	0.	-0 .00 47 6 074
	-			
3.52557373 3.57084656	0.48168945	0.54025259	D.51968384	
-0.00714687	0.53/78076 -0.56225526	0.25721741	-0.56092834	C-56692505 -0.61259460
-0.61050415 0.528137/1	0.53152983	-0.47018433 0.48112488	-0.59843445 0.48112488	-9.57786560
-9-5123-414	3-48001099 -0-51094055	0.48194885	0.53007507	0.48570251 -0.51502991
-0.45434464	-0-46456909	-0.515023 9 1 0.	-0.5.502971 0.	-0.51239014
COMPONENT 21. 1 S-4	rETSHTS		0.	0.
9.27174572	1-00000000	6 224 2204		
0.56542969	0-31748962	G-22637939 G-24662781	0.42230225	1.00000000
-0.56179d1G -3.55969/38	-0-58613586	-0.55236R16	-0.59329224 G.	-0.59329224
٥.	1-9000000	1-00000000	0.	-0.55337524 n.
-0+e7666626 -9+65020732	-3-6746626	1.0000000 -0.66954041	1.00000000	-9.65020752
e	-3.6766626	0.	0.	o. o.
" PONEME 216 1 G-W	EIGHTS			-
0. 07507sz 3.25234563	1.00000000	0.08603235	0.0000	
-3.57485367	2-04003235	1-000coonc	0.08C03235 -0.56097412	1.0000c on
-3.5748748#	0. 0.307479 8 6	-0.576 27488 0.9337 9 211	-0.57395935	-0.56535176 -0.57487488
0. -0.71665/u2	0.26463316	0.93379211	0.93379211	0.33467102
-3.77606201	-3,77606201 -0,77606201	-0.11967891 0.	C.29182434 O.	-0.77606701 0.
CCMPUNENT 25. 1 G-W		0.	0.	0.
3-42634543	0.41676167	A		
0.~ 0587/7	0-43336487	0.43156106 0.44602966	1.00000000	0.41473369
-0.44009755 -0.552421u2	-0.44 13 7463	-0.55641174	-0.51145935 -0.51603699	-0.43894958
J.76313/82	0.79644775 0.	0.79644774	0.82196045	-0.49021912 0.82198045
-0.48H5[u[3	-0.49317932	0. -0.49317932	0.	-0-52670268
-0.49317+32	-0.51881409	0.	-0.49317932 0.	-0.49317932 0.
	1GHTS			••
D.446C7434 O.44244630	0.73724487	0-64407349	0.00002025	
-0.34571167	0.49707031 -0.58687880	0.50013733	0.00997925 0.	0.70188904
-3.74600220	0.03845215	-0.64;70728 0.71124268	-0-51560974	-0.59843445 -0.52359009
0+71124268 =0+41934254	0.71124268	0.46382141	0.463#2141 0.45007324	0-45007324
-0.41934234	~U.42158508 ~J.42158508	-0.7148#733	-0.71888733	-0,44017029 -0,44017029
		o.	0.	2011054

1 t

COMPONENT 25. 1	G-WE I GHT S			
J.49331340 G.4513 8 550	0.48292542 0.46984863	0.49534607	0.44215393	0.47727966
-0.62269592	-0.58430054	0.48771667 -0.09574890	-0.593444 <i>82</i> -0.40496826	-0.45909119 -0.60961914
-0.45006545	0.74266052	0.66954941	0.61871338	0.60765076
0.74266052 -0.49568176	0.61871328	0.	0.	-0.50730896
-0.50730896	-0.43045644 -0.4956dl.	-0.56371472 0.	-0.57234192 0.	-0.43845044 0.
	•		••	v.
COMPONENT 26. 1	G-WEI GHTS			
0.50004578	0.49243164	0.46974182	0.49780273	0.4000043.5
0.43420410	0.47483826	0.52999878	-0.51954651	0.60090637 -0.49511719
-0.44900513	-0.52664185	-0.57966614	-0.52882385	-0.38587952
-0.51427405 0.55525208	0.55525208 0.56640625	0.56640625 0.59159851	0.59159851 0.	0.57347107
-0.503C8228	-0.46868896	-0.49400330	-0.54232788	-0.50308228 -0.51701355
-0.50308228	-0.46868896	0.	0.	0.
COMPONENT 27. 1	G-WEIGHTS			
0.34790039	G.44416809	0.34143066	0.34461975	0.62719727
1.00000000 -0.50315657	0.34036255 -0.50080872	0.55427551 -0.50643421	-0.46447754	-0.51635742
-0.53283691	0.	1.0000000	-0.51451111 1.00000000	-0.46138000 0.
0.	1.00000000	0.	1.0000000	-0.68225098
-0.64419556 0.	0. -0.66482544	-0.68∠25098 0.	- 0.64419556	-0.68225098
	-0.00462344	0.	0.	0.
COMPONENT 28. 1	G-WEIGHTS			
0.42089844	0.19491577	0 34788441	0 34063040	
1.00000000	0.34785461	0.34785461 0.34793091	0.34053040 -0.66256714	1.00000000 -0.60348511
-0.66888428	0.	-0.66036987	-0.66870117	-0.50773621
-0.22821045 0.91011047	0.91011047 0.31674194	0.30317688	0.	0.69331360
-0.15562439	-9.07728577	7. 7.90533447	0.86650085 -0.07728577	-0.06838989 -0.90533447
-0.90533447	-0.90533447	0.	0.	0.
COMPONENT 29. 1	G-WEIGHTS			
55 5 £75 £	0-#210113			
0.69999695	0.32666016	0.36184692	0.33503232	0.49617004
0.42280579 -0.65687561	0.98789978 -0.61341858	0.36894226 -0.60127258	-0.50840759	-0.00598145
-0.39495850	0.66159058	0.55839539	-0.61512756 0.733196	-0.60392761 0.73213196
0.64482117	0.65130615	0.00976563	0.00,76563	-0.47451782
-0.47772217 -0.47772217	-0.47772217 -0.47772217	-0.46487427	-0.57839966	-0.57110596
-0.41112211	-0.41112211	0.	0.	0.
COMPONENT 30. 1	G-WEIGHTS			
_		0.00412217		
COMPONENT 30. 1 0.39141846 0.46234131	0.43334961	0.99812317 0.42667048	0.46820068	0+435562L3 -0-56842041
0.39141846 0.46234131 -0.56858826	0.43334961 0.38433838 0.	0.99812317 0.42662048 -0.46659961		0.43556213 -0.56842041 -0.61764526
0.39141846 0.46234131 -0.56858826 -0.59239197	0.43334961 0.38433838 0.	0.42662048 ~0.46459961 0.07952881	0.46820068 -0.62550354 -0.56282043 0.62800598	-0.56842041 -0.61764526 0.70318005
0.39141846 0.46234131 -0.56858826	0.43334961 0.38433838 0. 0. 0. 0.62800598	0.42662048 -0.46459961 0.0/952881 0.61915588	0.46870068 -0.62550354 -0.56282043 0.62800598 0.61799622	-0.56842041 -0.61764526 0.70018005 -0.44204712
0.39141846 0.46234131 -0.56858026 -0.59239197 0.72708130	0.43334961 0.38433838 0.	0.42662048 ~0.46459961 0.07952881	0.46820068 -0.62550354 -0.56282043 0.62800598	-0.56842041 -0.61764526 0.70318005
0.39141846 0.46234131 -0.56858826 -0.59239197 0.72708130 -0.52397156 -0.52557373	0.43334961 0.3843383d 0. 0. 0. 0.62800598 -0.52397156 -0.49279785	0.42662048 ~0.46459961 0.0/952881 0.61915588 ~0.47483826	0.46820068 -0.62550354 -0.56282043 0.62800598 0.61799622 -0.49279785	-0.56842041 -0.61764526 0.70018005 -0.44204712 -0.52397156
0.39141846 0.46234131 -0.56858426 -0.59239197 0.72708130 -0.52397156 -0.52557373	0.43334961 0.3843383d 0. 0. 0. 0.62800598 -0.52397156 -0.49279785 G-WEIGHIS	0.42662048 -0.46459961 0.0(7952881 0.61915588 -0.47483826 0.	0.46820068 -0.62550354 -0.56282043 0.62800598 0.61799622 -0.49279785 0.	-0.56842041 -0.61764526 0.70318005 -0.44204712 -0.52397156 0.
0.39141846 0.46234131 -0.56858826 -0.59239197 0.72708130 -0.52397156 -0.52557373	0.43334961 0.3843383d 0. 0. 0. 0.62800598 -0.52397156 -0.49279785	0.42662048 -0.46459961 0.07952881 0.61915588 -0.47483826 0.	0.46820068 -0.62550354 -0.56282043 0.62800598 0.61799622 -0.49279785 0.	-0.56842041 -0.61764526 0.70318005 -0.44204712 -0.52397156 0.
0.39141846 0.46234131 -0.56858826 -0.59239197 0.72708130 -0.52397156 -0.52557373 COMPONENT 31.1 0.12216187 G.15666199 -0.80152893	0.43334961 0.3843383d 0. 0. 0. 0.62800598 -0.52397156 -0.49279785 G-WEIGHTS U.23931885 0.21589661 -0.25537109	0.42662048 -0.46459961 0.07/952881 0.61915588 -0.47483826 0. 0.26591492 1.00000000	0.46820068 -0.62550354 -0.56282043 0.62800598 0.61799622 -0.49279785 0.	-0.56842041 -0.61764526 0.70318005 -0.44204712 -0.52397156 0.
0.39141846 0.46234131 -0.56858826 -0.59239197 0.72708130 -0.52397156 -0.52397156 0.52557373 COMPONENT 31. 1 0.12216187 G.15666199 -0.80152893 0.	0.43334961 0.38433838 0. 0. 0.62800598 -0.52397156 -0.49279785 G-WEIGHTS 0.23931885 0.21589661 -0.25537109 0.45564270	0.42662048 -0.46459961 0.07952881 0.61915588 -0.47483826 0. 0.26591492 1.00000000 0. 0.48564148	0.46820068 -0.62550354 -0.56282043 0.62800598 0.61799622 -0.49279785 0. 1.00000000 -0.79014587 -0.79591370 0.48890906	-0.56842041 -0.61764526 0.70318005 -0.44204712 -0.52397156 0. 1.00000000 -0.85847473 -0.49851990
0.39141846 0.46234131 -0.56858826 -0.59239197 0.72708130 -0.52397156 -0.52557373 COMPONENT 31.1 0.12216187 G.*5666199 -0.80152893 0. 0.47862244	0.43334961 0.3843383c 0. 0. 0. 0.62800598 -0.52397156 -0.49279785 G-WEIGHTS 0.21589661 -0.25537109 0.45564270 0.4171316 -0.17030334	0.4262048 -0.46459961 0.07952881 0.61915588 -0.47483826 0. 0.26591492 1.00000000 0. 0.48564148 00.41822205	0.46870068 -0.62550354 -0.56282043 0.62800598 0.61799622 -0.49279785 0. 1.00000000 -0.79014587 -0.79591370 0.48490906 0.35736084	-0.56842041 -0.61764526 0.70318005 -0.44204712 -0.52397156 0. 1.00000000 -0.85847473 -0.49851990 0.89865112 -0.06632996
0.39141846 0.60234131 -0.50858826 -0.59239197 0.72708130 -0.52397156 -0.52557373 COMPONENT 31.1 0.12216187 6.5666149 -0.80152893 0.89865112	0.43334961 0.38433838 0. 0. 0. 0.62800598 -0.52397156 -0.49279785 G-WEIGHTS 0.23931885 0.21589661 -0.25537109 0.45564270 0.41911316	0.42662048 -0.46459961 0.07952881 0.61915588 -0.47483826 0. 0.26591492 1.00000000 0. 0.48564148	0.46820068 -0.62550354 -0.56282043 0.62800598 0.61799622 -0.49279785 0. 1.00000000 -0.79014587 -0.79591370 0.48890906	-0.56842041 -0.61764526 0.70318005 -0.44204712 -0.52397156 0. 1.00000000 -0.85847473 -0.49851990
0.39141846 0.46234131 -0.56858826 -0.59239197 0.72708130 -0.52397156 -0.52557373 COMPONENT 31.1 0.12216187 G.*5666199 -0.80152893 0. 0.47862244	0.43334961 0.38433836 0. 0. 0. 0.62800598 -0.52397156 -0.49279785 G-WEIGHTS 0.21589661 -0.25537109 0.45564270 0.419411316 -0.17030334 -0.77568054	0.4262048 -0.46459961 0.07952881 0.61915588 -0.47483826 0. 0.26591492 1.00000000 0. 0.48564148 00.41822205	0.46820068 -0.62550354 -0.56282043 0.62800598 0.61799622 -0.49279785 0. 1.00000000 -0.79014587 -0.79591370 0.48890906 0.35736084 -0.77502441	-0.56842041 -0.61764526 0.70318005 -0.44204712 -0.52397156 0. 1.00000000 -0.85847473 -0.49851990 0.89865112 -0.06632996 -0.14077759
0.39141846 0.60234131 -0.50858826 -0.59239197 0.72708130 -0.52397156 -0.52397156 -0.52557373 COMPONENT 31.1 0.12216187 G.'5666199 -0.80152893 0. 0.89865112 -0.47862244 COMPONENT 32.1	0.43334961 0.3843383x 0. 0. 0. 0.62800598 -0.52397156 -0.49279785 G-WEIGHTS 0.23931885 0.21589661 -0.25537109 0.45564270 0.41911316 -0.17030334 -0.77568054	0.4262048 -0.46459961 0.07952881 0.61915588 -0.47483826 0. 0.26591492 1.00000000 0. 0.48564148 00.81822205	0.46820068 -0.62550354 -0.56282043 0.62800598 0.61799622 -0.49279785 0. 1.00000000 -0.79014587 -0.79591370 0.48890906 0.35736084 -0.77502441	-0.56842041 -0.61764526 0.70318005 -0.44204712 -0.52397156 0. 1.00000000 -0.85847473 -0.49851990 0.89865112 -0.06632996 -0.14077759
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0.39141846 0.60234131 -0.50858826 -0.59239197 0.72708130 -0.52397156 -0.52557373 COMPONENT 31. 1 0.12216187 G.*5666199 -0.80152893 0. 0.98865112 -0.47862244 -0.77502441 COMPONENT 32. 1 1.900C0000 0.23500061 -0.89570618 -0.9925220 0.01228333 -0.7*522278 -0.77522278 COMPONENT 33. 1 0.49591064 0.49885886 -0.49510193 -0.51127788 0.49880981 -0.51127788 0.49880981 -0.51127788 0.49880981 -0.51127788 0.49880981 -0.51127788 0.49880981 -0.51127788 0.49880981 -0.51127788 0.49880981 -0.51127788	0.43334961 0.38433838 0. 0. 0. 0.62800598 -0.52397156 -0.49279785 G-WEIGHTS 0.23931885 0.21589661 -0.25537109 0.45564270 0.4141316 -0.17030334 -0.77568054 G-WEIGHTS 0.20140076 0.89995657 0. 0. 0. 0. 0. 0. 0. G-WEIGHTS 0.49496460 0.49843509 -0.5187059 0.4557190 0.55948853 -0.50627136 -0.51136780 G-WEIGHTS 0.41259766 0.63305664 -0.51370239 0.75979614	0.42662048 -0.46459961 0.07952881 0.61915588 -0.47483826 0. 0.26591492 1.00000000 0. 0.48564148 00.81822205 0. 0.21939087 0.21589661 -0.05646172 0. 0.99542236 -0.76618530 0. 0.50529480 0.49357605 -0.50646973 0.44557190 0.56948853 -0.50646973 0.4557136 0. 0.48286438 0.46055603 -0.41378784 0.422409166	0.46820068 -0.62550354 -0.56282043 0.62820598 0.61799622 -0.49279785 0. 1.00000000 -0.79014587 -0.79591370 0.48490906 0.35736084 -0.77502441 0. 0.22843933 -0.89099121 -0.90599060 0.99542236 0.99542236 0.99542236 0.977201843 0. 0.51237488 -0.77201843 0. 0.51237488 -0.49569885 0.45069885 0.45069885 -0.43554688 0.	-0.56842041 -0.61764526 0.70018005 -0.44204712 -0.52397156 0. 1.00000000 -0.85847473 -0.49851990 0.89865112 -0.06632996 -0.14077759 0. 1.00000000 -0.21684265 -0.13354492 0.99542236 -0.18511963 -0.74618530 0. 0.50144958 -0.49949646 -0.51062012 0.56948855 -0.51136780 0. 0.48971558
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COMPONENT 350 1	C-#E1GHTS			
0.53248596	0.45263672	D 44416116	0.44012461	
0.56570435	0.42724121	0.44H10115 0.7C591736	0.44012451 -0.36796570	0.43266296 -0.54162598
-0.54162593 -0.54162598	-0.45307922 0.79998779	-0.~\177746 0.	-0.5535736L 0.79998779	-0.55865479 0.799 98 779
0.	0.79998779	0.	0.79998779	-0.68310547
-0.42251567	-0.68310547 -0.42251587	0. 0.	-0.68310547 0.	-0.42251587 0.
CCMPONENT 36. 1	G-WEIGHTS			·
3.76921082				
0.11085510	1.00000000 0.06222534	1.000C0000 0.66027832	0.13177490 -0.68185425	0.26562500 -0.48959351
-0.68 89 0381 -0.07941028	-0.67411804 1.0000000	-0.64665527 0.	-0.42207336 0.	-0.26684570
1.0000000	0.	0.	1.00000000	1.00000000 -0.37715149
-0.65177+17 -0.65177417	-0.65177917 -0.63858032	0. 0.	-0.37715149 0.	-0.65177917 0.
COMPONENT 37. 1	G-#EIGHTS			
0.43759155	0.80906677	0.45899963	1 00000000	0 43430040
0.48350525	0.31617737	0.06 34951	1.00000000 -0.72001648	0.43428040 -0.74353027
-0.72102356 -0.34951762	-0.700805U6 0.	-0.01118469	-0.01118469	-0.74270630
0.46014404	0.20053101	0.8434600H 0.96014404	0.07553101 0.	0.96014404 -0.6905,'53
-G.04184265 -3.51222224	-0.51222229 -0.70530701	-0.70530701 C.	-0.69059753	-0.09184265
COMPONENT 30. L	G-WEIGHTS	••	0.	0.
0.60267476				
0.34387207	0.34330750 0.34330750	1.00000000 0.41848755	0.35795593 -0.65229797	0.59014693 -0.01022339
-0.65224197 -0.52563417	-0.65022278 0.68215942	-0.65219116	-0.36148071	-0.49563599
0.68218794	0.84/36633	0.84736633 0.09350586	0. 0.84736633	0. -0.63818359
-0.63822137 -0.63822437	-0.04341125 -0.63822937	-0.63822437 0.	-0.63822937 0.	-0.12722778 0.
COMPONENT 39. 1	G-#EIGHTS		••	0.
0.57408142	0.36677979	C 20000131		
0.44874573	1.0000000	G-39099121 O-38423157	•42958069 -0•51992798	0.38554382 ~0.52639771
-0.44110107 -3.54087830	-0.4620819; 0.	-0.46861267 0.67765808	-0.53985596	-0.50108337
0.677658U8 -0.50349426	0.65882874	0.67765808	0.f-y3?251 0.	0.65882874 -0.52671814
-0.49609375	-0.47740173 -0.47740173	-0.47509766 0.	-0.51704407 0.	-0.52671814 0.
COMPONENT 40. 1	G-WEIGHTS			•
0.34913635	1.00000000	0.33897400	0.35858154	
0.49884033 -0.58058167	0.70932007 -0.58058167	0.34658#13	-0.57031250	0.39852905 -0.57539368
-0.5#085632	0.55956557	-0.54084778 0.55836487	0. 0.56895447	-0.57138062 0.57260132
0.5H5[44U4 -0.486C8398	0.57260132 -0.48895264	0-58270264 -0-48895264	0.	-0.50021362
-0.51559448	-0.51704407	0.	-0.51704407 0.	-0.48608398 0.
COMPONENT 41. E	G-WEIGHTS			
0.48156738	0.52226257	0.48623657	0.48667908	0.63352966
0.384/1485 -0.54592846	0.49052479 -0.62242126	0.51445007 -0.57290649	-0.54945374	-0.55920410
-0.58572388	0.60151672	0.60151672	0. 0.55459595	-0.56431580 0.54025269
-3.46977234	0.55648804 -0.52604675	0.54216003 -0.47026062	0. -0.46977234	-0.46777234
-0.52604675	-0.54222107	0.	0.	-0.52604675 0.
COMPONENT 42. 1	G-WEIGHTS			
1.000C0000 0.4/216/97	0.14642639	0.32411194	0.51866150	0.24641418
-0.71629333	0.77510071 -0.05437195	0.46708679 -0.70732117	-0.67689514 -0.37422180	-0.67840576
-0.05465698 0.99227905	0.99227905 0.01026917	0.01026717	0.01076917	-0.73278809 0.99227905
-0.78967116	-0.78907776	0. 0.	0.99227905 0.	-0.84368896 -0.78907776
-0.78907776	0.	0 •,	0.	0.
	G-WE IGHTS			
1.00000000	0.30407715 0.36557007	0.39567566 0.37003784	U.29603577 -0.53746043	0.99937439
-0.47192383	~0.50906372	-0.5327758A	-0.5296.634	-0.34466553
-0.49884033 0.58586121	0.58290100 0.53569031	0.58290100	0.58653259	·0.57556152 0.59037781
-0.49838257 -0.504C741U	-0.50407410	0.53569031 -0.49486267	0. -0.49838251	-0.49838257 -0.49838257
	-0.49#38257	0.	0.	0.
	G-WEIGHTS			
0 - 472 712 60 0 - 416 76 331	U 44473267 0.42672729	0.51100159 0.4127722	1.0000000	0.36555481
-0.65965271 -0.57295549	٥.	-0.57458423	-0.66592407 -0.24522705	-0.54971313 -0.66194153
0.66052246	0. 1.61206055	0.0 0.67334175	0.66990662 0.69377136	0.1343444B
-3.60369873 -0.58612361	-0.58612061 -0.52647729	-0.52047124 0.	-0.596923H3	-0.58612061
		••	•	0.

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COMPONENT 45. 1 G-M	FIGHTS			
0.49015808	0.14897156			
0.32525635	0.42301941	1.0000000 0.34696960	1.00000000	0.26560974
-0.65475464	-0.65499878	-0.64732361	-0.69584656 0.	-0.65626526
Ç.	0.04006958	0.04006958	0.63790894	-0.690/9590 0.63790894
0.644417/2 -0.50477600	0.64256287	0.63595581	0.68106079	-0.48301697
-2.51365662	-0.49189758 -0.50448608	-0.48301697 0.	-0.50955200	-0.50955200
	EIGHTS	0.	0.	0.
0.35304438				
0.99237061	U.31886292 O.35006714	0.99302673 0.40638733	0.33702087	0.24913025
-0.54029846	-0.48171997	-0.30564880	-0.59690857 -0.52294922	-0.51376343
-0.50045776	0.00924683	0.06742859	0.77525330	-0.53822327 0.77525330
0.80644226 -0.5110:685	0-49864197	0.51449585	0.55320740	-0.51101685
-0 411-1685	~0.51101685 -0.45855713	-0.47526550 0.	-0.51101685 0.	-0.51101685 0.
COMPONENT 47. L G-H	FIGHTS			
3.46965027	0.44332886	0.46823120	0.45841980	1.00000000
7.36054943	0.39891052	0.40087891	-0.53422546	-0.47450256
-0.53025#18 -0.3806610:	-0.53234863 0.	-0.50244141	-0.51757813	-0.52793884
0.64868164	0.65693665	0.65693665 0.68327332	0.67086792	0.68327332
-0.56161499	-0.48818970	-0.47071838	0. -C.46818970	-0.49404907 -0.51820374
-0.50825500	-0.47071838	0.	0.	0.
COMPONENT 48. 1 G-W	EIGHTS			
0.42849731 0.43865967	0.59880066	0.32723999	0.60559082	0.71583557
-0.38954163	0.48789978 -0.99740601	0.39/14568	0.	-0.93736267
-0.00382995	0.	0. 0.66/93823	-0.75169373	-0.92013550
0.69885254	0.69184875	0.61160278	0.66178894 0.	0,66793875
-0.48999023	-0.48999023	-0.55325317	-0.48181152	-0.45167542 -0.48999023
-6.48999023	-0.55325317	0.	0.	0.
	EIGHTS			
0.49804688	0.50137329	0.51274109	0.42396545	0.52931213
0.52745056 -0.22059631	0.52514648 -0.56124878	0.48191833	-0.56495667	-0.51756287
-0.49905396		-0.56651306	-0.56068420	-0.50933838
0.71482849	0. 0.82955933	0.03930664	0.03930664	0.82955933
-0.44755554	-0.62519836	0.82955933 -0.60726929	0.71781921	-0.46896362
-0.44755554	-0.48689270	0.	-0.46896362 0.	-0.44755554 0.
COMPONENT 50. 1 G-WE	EIGHTS			
0.54261780	1.0000000	0.41102600	0.	1.00000000
0.04634094 -0.55604553	1.0000000	0.	-0.58889771	-0.56762695
-0.55247498	-0.00805664 0.03898621	-0.54331970	-0.62037659	-0.56315613
0.74002075	0.63652039	0.63652039 0.74002075	0.63652039	0.57136536
-0.51850891	-0.64125061	-0.51850891	-0.51850891	-0.32171631 -0.51850891
-0.64125061	-0.3217[63]	0.	0.	0.
	I GHTS			
0.51876831	0.00340271	0.00340271	1-0000000	0.47099304
1.0000000	1.00000000	0.00340271	-6.71900940	0.47047304
-0.72189331	~0.69186401 0.32998657	-0.44320679	-0.70208740	-0.72189331
0.32998657	0.62818604	0-50445557 0-82818604	0.828186^4 0.	0.35095215
-0.71878052	-0.73593140	-0.11820984	-0.11820984	-0.11820984 -0.71878052
-0.73593140	-0.73593140	0.	0.	0.
	I GHTS			
0.23963928 0.34800720	0.39764404 1.00000000	1.0000000	0.26454163	0.35714722
-0.47567749	-0.47796631	0.39299011	-J.47283936	-0.55107117
-0.45704651	0.	·0.55104065	-0.52328491 0.80041504	-0.49102783
0.19829401	0.80041504	0.80041504	0.00041304	0.80041504 -0.45610046
-0.45610046 -0.55767822	-0.55767872	-0.53009033	-0.45610046	-0.45610046
	-0.5300 1033	0.	0.	0.
ř	I GHTS			
0.51008606 0.49075317	0.47454834 0.47734070	0.47802734	0.54125977	0.51091003
-0.60131836	-0.54801941	0.51704407 -0.59112549	-0.00073242	-0.55122375
-0.54757640	0.08181763	0.08181763	-0.55764771 0.01927185	-0.60231018
0.62446594	0.77223206	0.82615662	0.83901978	0.75518799 -0.51676941
-0.46110535 -0.46110535	-0.46110535 -0.38185120	-0.56101990 0.	-0.69587708	-0.46110535
CUMPONENT 54. L G-WEI	I GHT S		- -	V•
0.43177795	0.60536144	0.57865906	0.47161865	0.431.
0.43463135	0.6101??68	0.43576050	-0.41558838	0.43177795 -0.53282166
-0.532608U3 -0.53364563	-0.43818665	-0.49450684	-0.53184509	0.52046204
0.67732239	0. 0.61470032	0.72351074	0.73425293	0.70326233
-0.52293196	-0.51754761	0.54692078 -0.43925476	0. -0.5[75676]	-0.52273396
-0.49043628	-0.52293396	0.	0.	-0.46588135 C.
				0.

■ 「おおいます」ともありませた。 と思っていないので、「「「「「「「「」」とはなるまっていることでいるとなってもないのではない。 こうない

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COMBUNICATI				
COMPONENT 55. 1 G-	WE L CHT S			
0 • 25 1 266 48 0 • 42 7856 45	0.23014832	0.99745178	0.30145100	
-0.50859010	0.89259338	0.58877563	0.30165100 -0.49485779	0.31022644
-0.41067505	-0.5615 344 7	-0.54220581	-0.52803040	-0.40211487 -0.55189514
0.55865479		0.58111572	9.58612061	0.58530818
-0.49446106	0.55479419 -0.48834229	0-56481934	0.56407166	-0.49446106
-0.49446106	-0.49446106	-0.48927307 0.	-0.52268982	-0.52178955
COMPONENT 56. L C-	45.50.00	.	0.	0.
30. 1 6-	wf I GHTS			
0.48057556	0.48245239	0.543045		
0.46511841	0.54671045	0.54321289 0.45391846	0.54071045	0.49324036
-0.532 t6743 -0.49389648	-0.52989197	-0.60461426	-0.45730591 -0.45828247	-0.45182800
0.76222229	0.73179626 0.76649475	0.21830750	0.25299072	-0.47106934 0.29972839
-0.36851501	-0.36851501	0.71543884 -0.41954041	0.25299072	-0.80056763
-0.41954041	-0.37274170	0.	-0.88201904 0.	-0.36851501
CUMPONENT 57., 1 G-1	eE LGHT'S		••	0.
0.15171814 1.00000000	0.15171614	3-15171614	0.51573181	
-0.70249939	1-0000000	0.30563354	-0.55850220	0.72344971
-0.68069949	0. 0.89416504	-0.59187317	-0.70404053	-0.70404053 -0.05888367
3.66276550	0.	0.65472412 0.	0.	0.89416504
-3.75532532 -0.75532532	-0.75532532	0.	0.89416504 -0.75532532	0.
	-0.22337341	0.	0.	-0.75532532 0.
COMPONENT 58, L G-W	ElGHTS			٠.
0.43241603				
0.43241882 0.44094849	0.86206055	0.46701050	0.45886108	0 /3114
-0.52983043	0.44667053 -0.36047363	0.43087769	-0.53373718	0.43112183 -0.53240967
-0.45541382	1-0000000	-0.52949524 0.12059021	-0.53294373	-0.52566528
0.35888672 -0.61589050	0.19995117	0.12059021	1.00000000	0.19995117
-0.54507446	~0.54507446 ~0.61589050	0.	-0.53108215	53108215 -0.61589050
Coupering		0.	0.	0.01969090
COMPONENT 59. L G-WE	EIGHTS			
0.52536011	0.44697571			
0.53555298	0.49778748	0.49285889	0.47044373	0.48910522
-0.49218750	-0.50555420	0.54187012 -0.55325317	-0.47656250	-0.47990417
-0.47655250 0.35226440	0.50146484	0.41795349	-0.49238586 0.65270996	-0.52352905
-3.42485046	0.43574524 -0.42485046	0.56918335	0.50146484	0.56918335 -0.72540283
-0.42485646	-0-42485046	-0.50842285 0.	-0.42485045	0.64184570
COMPONENT 60. 1 G-WE	IGHTS	••	0,	0.
	10013			
0.45912170	0.46130171	1.0000000	0.30141515	
0.392C4407 -0.44183350	0.51400757	0.38853455	0.39181519 -0.14526367	0-39314270
-0.59089661	-0.59370422 0.	-0.59414673	-0.58383179	-0.59297180 -0.45730591
0.51707458	0.49244690	0.57255554 0.61990356	0.64302063	0.58979797
-0+60171509 -0+1/5 5350	-0.60098267	-0.601/1509	0.56515503 -0.60171509	0.
	-0.60098267	0.	0.	-0.46759033 0.
COMPONENT 61. 1 G-WE	IGHTS			••
1.00000000	0.300100			
0.46163940	0.39910889 0.41421509	0.37600708	0.45942688	0-42704773
-0.59606934	-0.34616089	0.46252441 -0.38727229	-0.60681316	-0.53858948
-0.45840454 0.5675 540	0.56753540	0.51710510	-0.56585693	-0.50103760
-0.5168 .44	0.51710510	0.65679932	0.51710510 0.	0.65679932
-0.4799-145	-0.37370300 -0.52589417	-0-52589417	-0.52589417	~0.52589417 -0.52589417
Company		0.	0.	0.
COMPONENT 62. 1 G-WEI	IGHTS			
0.43562317	0-4183654A	0.4045-4		
1.00000000	0.43562317	0.40153503 0.46145630	0.43567317	0.41174316
-0.59179688	-0.61804199	-0.36581421	-0.58503723 -0.59443665	0.
-0.62571716 0.57775879	0.57775879	0.56089783	0.56399536	-0.61912537
-0.51304626	0.57775879 -0.50933838	0.56089783	0.	0-58087158 -0-49290466
-0.49290466	-0.51304626	-0.49290466 0.	-0.49290466	-0.49290466
COMPONENT 63 & 1 G-ME1	/ U.T.C	••	0.	0.
	S S			
0.12072754	0.87864685	0.92489624	0.114633.5	
U.89649963 ≃0.63676453	0.14190674	0.80186467	0.11453247 -0.64115906	0.12088013
-3.62217222	0. 0.03707886	-0.61795044	-0.54945374	-0.64115906 -0.29072571
0.56027222	0.57566833	0.6361541 <i>1</i> 0.57565833	0-04768372	0.90855408
~0.55229187 ~0.55223187	-0.55229187	-0.56608582	0.65888977 -0.53608582	-0.56608582
	-0.07873535	0.	0.33808382	-0.56608582 0.
CUMPUNENT 64 & 1 G-NET	GHTS			••
0.42758179	0.34144222			
3.36291504	0.38166809 0.46144104	0.35741699	0.35241699	1.00000000
-0.70173749	-0.65849304	0.66157954	-0.63352966	-0.70179749
0 ÷	0.74498779	0.	-0-66436768 0-79998779	-0.63999939
0.	0. -0.66H85376	0.79998779	0.79998779	0.79998779
-0.66885376	-0.66885376	-0.668H51/6	-0.66226146	0. -0.66236196
		0.	0.	o.

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COMPONENT 65. 1	G-WEIGHTS			
0.01713562	1.00000000	U.29621887	1.00000000	0.30297607
0. -0.628C6702	0.32365417 -0.75938416	1.000000G0 0.72430908	-0.13076782 -0.21504211	0. ~0.80839539
-0.72900391	0.	0.	0.67346191	0.67346191
0.68609619 -0.42698669	0.65731323 -0.51972961	0.67346191 -0.50669861	0.64117432 -0.53669861	-0.51972961
-0.50669861	-0.50664861	0.	0.	0.
COMPONENT 66. 1	G-WEIGHTS			
1.00000000	1.0000000	1.00000000	0.	0.
1.00000000 -3.55628967	C. 0.56953430	0. -0.>5537415	-0.50753784 -0.57623291	-0.56486511 -0.10366821
-0.56645203	0.	0.90779114	0.71942139	0.74557495 -0.78158564
0. -0.12390137	0. 0.	-0.78158569	0.71942139 -0.78158569	0.
-0.78158569	-0.74975586	0.	0.	0.
COMPONENT 67. 1	G-WEIGHTS			
0.17375183	0.00910950	0.12348938 0.99508667	0.49281311 -0.55586243	1.00000000 -0.60540771
1.000C0000 -0.574C5040	0.2053 '27 -0.55302429	0.	-0.52388000	-0.59138489
-0.59634399 0.72348022	0.03833008 0.71591187	0. 06#2090 0.18135071	0.70642090 0.22163341	0.70642090 -0.50224304
-0.50224304 -0.49578857	-0.49731445 -0.50750732	-0.50224304 0.	-0.50224304 V.	-0.49037170 0.
		••	••	
COMPONENT 68. 1	C-WEIGHTS			
0.49923706 0.491Cl257	0.55229187 0.48907471	0.50288191 0.48631287	0.490°3628 -0.48941040	0.48864746 -0.49937439
-0.49449158	-0.51(83374	-0.5002849?	-0.50572205	-0.48869324 1.0000000
-0.51158142 0.	1.00000000 G.	0. 1.0000000	1.00000000	-0.69424438
-0.64389038 -0.69424438	-0.68704224 0.	0. 0.	-0.64389038 0.	-0.63667297 0.
COMPONENT 69. 1	G-WEIGHTS			
		9.22705078	0.19296265	0.99737549
0.33686829 0.28919983	1.00000000 0.53414917	0.42234807	-0.64758301	-0.67721558
-0.69252014 -0.64099121	-0.00547791 0.06423950	0. 0.06423950	-0.66256714 0.75129700	-0.67361450 0.80877686
0.75129700 -0.53347778	0.75129700 -0.50025940	0.80877686 -0.45002747	0. -0.51089478	-0.51089478 -0.53347778
-0.450C2747	-0.51089478	0.	0.	0.
COMPONENT 70 . 1	G-WEIGHTS			
0.37599182	(.39544678	0.36505127	1.000000000	0.35899353
0.36741638 -0.15940857	6.76260376 -0.77291870	0.37370300 -0.76728821	-0.77642822 -0.77911377	-0.69372559 0.
-0.05107117	0.91752625	0.52148438	0. 0.55662537	0.55662537 -0.00337219
0.91752625 0.	0.53018188 -0.63829041	0. -0.68000193	-0.68000793	-0.68000793
-0.63829041	-0.68000793	0.	0.	0.
COMPONENT 71. 1	G-WE I GHTS			
0.53840637	0.53179932	0.49191284 0.47671509	0.50077820 -0.45765686	0.50970459 -0.53802490
0.52146912 -0.48503113	0.42916870 -0.47796143	-0.54302979	-0.48635864	-0.48793030
-0.52897644 0.64840698	0.60983276 0.62489319	0.29621887 0.63278198	0.28931482 0.58772278	0.31179810 -0.74914551
-0.39051819 -0.43554688	-0.43554688 -0.43554688	-0.41398621 0.	-0.74914551 0.	-0.39051819 0.
		••		
COMPONENT 72. 1	G-WEIGHTS		0 (0(01310	0.44300141
0.50329590 0.41860962	0.49613953 0.58328247	0.58485413 0.48353577	0.48686218 -0.01065063	0.44290161 -0.66147273
-0.68400574 -0.00187683	-0.66824341 0.05725098	-0.62985229 0.61647034	-0.67478943 0.59107971	-0.66860962 0.53163147
0.55706787	0.56576538	0.54034424	0.54034424 -0.63758850	-0.02600098 -0.66381836
0. -0.66381836	-0.63758850 -0.66381836	0.	0.	0.
COMPONENT 1. 2	G-WEIGHTS			
0.50000000	-0.50000000	0.05268860	1.0000000	1.00000000
0.	1.00000000	1.00000000	1.00000000	0.98477173 0.98477173
0. 1.000 c0 000	1.00000000	1.00000000	1.00000000	0.
1.00000000	0. 0.48478649	(° •,	0. 1.00000000	1.00000000
3.04840088	0.99478649	0. 0.98477173	1.00000000 0.98477173	1.00000000 0.
0. 0.	1.00000000	0.98478699	ů.	0.
0. 0.98478699	0.27635143 N.	0.98478699 1.00000000	1.00000000	0.98478699 0.00830078
0.07392883	ა. 0	0.48478699 U.	0. 0.	0.98477173 -0.26977539
-3.57940674	-0.81057739	-0.82655334 -0.17968750	-0.10295105 -0.87480164	-0.69952593 -0.13984680
-0.62879944 -0.89854431	-0.19618225 -0.71749878	-0.74148560	-0.68229675	-0.83609009
-3.30242420 -3.27192688	~0.10295105 ~0.89831543	-0.85858154 -0.49429321	-0.86817932 -0.89717102	-0.82543445 -0.17968750
-0.56282U43 -0.0668U298	-0.67943848 -0.85784912	-0.39128113 -0.78327942	-0.03804016 -0.68432617	-0.03804015 -0.74328613
-3.13984680	-0.78291321	-0.18591309	-0.75994873	-0.81416321 -0.17968750
-0.75418041 -0.54246521	-0.86734009 -0.09542847	-0.13984680 -0.80764771	-0.66444397	-0.8H832092
-0.83H0[270	≃0.47172546 ∪≎	-0.06680/98 -0.06680/98	-0.13984680 -0.85003662	0. -0.81389282
-0.38729858	0.	0.0	U.	C •,

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, ... }

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0.50000000
                                                                                      -0.50000000
                                                                                                                                                                                                                                                          0.87414551
                                                                                                                                             0.
0.32286072
0.80763245
0.82321167
0.93685913
                                 0.22171021
                                                                                                                                                                                                    0.09246826
0.68511963
                                                                                       0.06727600
                                                                                                                                                                                                                                                          0.94960022
                                                                                       0.78961182
0.68899536
0.00373840
                                 3.17837524
                                                                                                                                                                                                                                                         C-29347229

0-92720032

0-18447876

0-
                                 0.92707825
0.88963318
0.84068298
0.99171448
0.72251892
                                                                                                                                                                                                    0.
0.6195#313
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0.94960022
0.73435974
0.10121155
                                                                                        0.99171448
                                                                                                                                             0.99171448
0.90116882
0.99171448
0.94960022
                                                                                        0.88435364
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                                                                                       0.
0.88233948
0.77430725
                                                                                                                                                                                                                                                          ٥.
                                 0.94960022
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0.92605591
0.94960022
-0.93669434
-0.86651611
-0.75231934
-0.04188538
-0.08157239
-0.11976624
-0.98669434
                                                                                                                                             0.79702759
                                                                                                                                                                                                 0.
0.99171448
-0.98669434
-0.98669434
-0.60256958
                                                                                       0.
0.88963318
                                0.82455970
-0.98669434
-0.98669435
                                                                                       0.98669434
                                                                                                                                            -0.13237000
                                                                                    -0.98669434
-0.16589355
-0.14279175
-0.98669434
-0.18260193
-0.22961426
-0.08357239
-0.98669434
-0.87220764
0.
                                                                                                                                            -0.13237000
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-0.98669434
                                -0.12268066
                                                                                                                                            -0.76126526
-0.09210205
                                                                                                                                                                                                  -0.98669634
                               -0.31314087
-0.11976524
-0.98669434
                                                                                                                                                                                                 -0.18026733
-0.76239014
-0.98669434
-0.98669434
                                                                                                                                            -0.08357239
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0.

-0.88722229

-0.30438232

-0.04186538

-0.22320557
                                                                                                                                                                                                                                                        -0.98669434
                               -0.26828603
                                                                                                                                                                                                                                                        -0-10655212
                                                                                                                                                                                                                                                       -0.10655212
-0.04188538
0.
                                                                                                                                                                                                 -0.98669434
                              -0.98669434
-0.98669434
-0.29974365
                                                                                                                                                                                                 -0.12673950
-0.98669434
-0.91075134
                                                                                     0.
-0.79817200
                                                                                                                                          -0.23495483
                                                                                                                                                                                                                                                        -0.16589355
   -0.08357239
MINPS=000000000013
                                                                                                              INDICT=0000000000001
                                                       NCYCS=000000000014
   LEVEL 1 OUTPUT OUT OF RANGE, NEW BIAS = CONTROL=00C00000001
LEVEL 1 OUTPUT OUT OF RANGE, NEW BIAS =
                                                                                                        -0.41696277
 LEVEL 1 OUTPUT OUT OF RANGE, NEW 0...

CONTROL=00000000003

LEVEL 2 OUTPUT OUT OF RANGE, NEW BIAS = CONTROL=00000000003

LEVEL 5 OUTPUT OUT OF RANGE, NEW BIAS = CONTROL=000000000007

1 OUTPUT OUT UF RANGE, NEW BIAS =
                                                                                                        -1.66120429
                                                                                                        -1.45383072

    CONTRUL=00000000007

L DUTPUT OUT OF RANGE, NEW BIAS =
    CONTRUL=000000000007
    6 BIAS CHANGES
   LEVEL
                                                                                                       -1.55751750
                    LFVEL 1
                                                 MS =
                                                                      0.20000000
                                                                                                    BIAS .
                                                                                                                           -1.55751750
                  COMP.
1. i
6. l
11. 1
                                      CUTPUT
                                                                   COMP.
                                                                                       109100
                                                                                                                     COMP.
                                                                                                                                          OUTPUT
                                                                                                                                                                                                                        COMP.
                                                                                                                                                                                                                                            OUTPUT
                                                                                                                            3. 1
8. 1
13. 1
18. 1
23. 1
26. 1
                                                                                                                                                                                4. 1
9. 1
14. 1
19. 1
24. 1
29. 1
34. 1
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10. 1
15. 1
20. 1
25. 1
30. 1
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                                                                                              0.6676227
                                                                                                                                                                                                     0.
                                                                                              0.
                                           0.6377629
                                                                                                                                                                                                                                                          0.
0.
0.4415702
                                                                                                                                                  0.
                     16. 1
21. 1
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                                                                                                                                                  0.
                    26. 1
31. 1
36. 1
41. 1
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28. 1
33. 1
38. 1
43. 1
48. 1
53. 1
58. 1
63. 1
                                           0.
0.1447588
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                                                                       32.
37.
                                                                                              0.5163075
                                          0.
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45. 1
50. 1
55. 1
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0.
0.
                                                                        42. 1
47. 1
52. 1
57. 1
                                          0.
                                                                                                                                                                               44. 1
49. 1
54. 1
59. 1
64. 1
                                                                                                                                                  0.6077043
                                          0.
0.
0.
0.5307392
                                                                                                                                                                                                      0.3859618
                                                                                              o.
                                                                                                                                                  ٥.
                                                                                                                                                                                                      0.
                                                                                                                                                                                                                                                         0.
                                                                        62. 1
67. 1
                                                                                              0.
                                                                                                                                                                                                                                   65.
                                                                                                                                                                                                                                   70.
LEVEL 2 DUTPUT DUT UF RANGE, NEW DIM-
CONTROL+000000000001
1 DUTPUT DUT UF RANGE, NEW BIAS =
CONTROL+000000000000
2 BIAS CHANGES
                                          ٥.
                                                                                                      -0.57522550
                   LEVEL 2 MS =
                                                                    0.01000000
                                                                                                 81A5 = -0.57522550
                COMP.
1 2
1 15
2 15
                                   UUTPUT
                                                                  COMP. OUTPUT
                                                                                                                  COMP.
                                                                                                                                       OUTPUT
                                                                                                                                                                     COMP. OUTPUT
                                                                                                                                                                                                                       COMP.
                                                                                                                                                                                                                                   0.0
                                         C.
                                                                                            1.0000000
                                                                                                                            ō. n
 SUM NO.
SUM NO.
                                         1.00000
                          INPUT VI
                                                      INDENTIFICATION CORRECT
NCYCS=000U00000014 IN
 MINPS=0000000000012
                                                                                                             INDICT +0000000000001
LEVEL 1 UUTPUT OUT UF RANGE, NEW BIAS =

CONTROL=*OUCOUOOOUO
1 UUTPUT OUT UF RANGE, NEW BIAS =

CONTROL=*UUDGC.COOOOOO
LEVEL 1 BUTPUT OUT UF RANGE, NEW BIAS =

CONTROL=*OCOUOOOUO
LEVEL 1 UUTPUT OUT UF MANGE, NEW BIAS =

CONTROL=*COOUOOOOOOT
LEVEL 1 UUTPUT OUT UF MANGE, NEW BIAS =

CONTROL=*COOUOOOOOOT
LEVEL 1 UUTPUT OUT UF MANGE, NEW BIAS =

CONTROL=*COOUOOOOOOO

CONTROL**COOUOOOOOOOO

S BIAS CHANGES
                                                                                                      -0.2957/608
                                                                                                      -0.17266730
                                                                                                      -1.01111291
                                                                                                     -1.13033572
```

COMPONENT 2. 2 G-WEIGHTS

```
BIAS = -1.13033572
           LEVEL
                            MS -
                                        0.20000000
                                                                                                                                COMP.
                                                                                                   COMP.
                                                                                                               OUTPUT
                                                                                                                                            CUTPUT
                                                                                                                                       5. 1
10. 1
15. 1
20. 1
25. 1
                                                                                                                     0.
           1. 1
6. 1
11. 1
                                                       0.
                                           2. 1
7. 1
                        ٥.
                                                                                                                                                     0.
                         0.
0.
                                                                                      0.
                                                                                                                      0.5863173
           16. 1
21. 1
                                                        0.7650933
                                                                                                                     ō.
                                                                                      0.
                                                                                                        29. 1
34. 1
39. 1
44. 1
49. 1
54. 1
                                                                                                                                       30. 1
35. 1
40. 1
45. 1
50. 1
                                          27. 1
32. 1
                                                       0.
0.7711590
                                                                                                                     ٥.
                        0.
0.
0.1435201
                                                                                      0.
           26. l
31. l
                                                                                      0.
0.8007000
                                                                                                                      0.
0.
0.
                                          32. 1
37. 1
                                                                                                                                                     ٥.
                                                        0.
                                          42. 1
47. 1
52. 1
57. 1
                                                       0.
0.
0.2043776
0.
                                                                                                                                       60.
                                                                                                                      ٥.
                                                                                      0.0082003
                                                                                                                      0.98379.9
                                                                                                                                       65. l
                                          62. l
67. l
68.
                                                             -0.49999999
                                                                         -3.24999988
           LEVEL 2 MS =
                                         0.01000000
          COMP. OUTPUT

1° 2 C.9262194

1 15 0.92622

2 15 0.
                                       10MP. OUTPUT
2. 2 0.
                                                                                                   COMP. OUTPUT
0. 0 0.
                                                                                                                                COMP. OUTPUT
0. 0 0.
                                                                     COMP.
0. 0
                                                                                 OUTPUT
 SUM NO.
 *** 152 INPUT H2
MINPS=000000000011
                                 INDENTIFICATION CORRECT
                                                                 INDICT=00000000000001
-0.40991203
                                                              -1.87663856
                                                              -1.47245693
            LEVEL
                    ı
                            MS =
                                          0.20000000
                                                            BIAS #
                                                                         -1.47245693
                                                    OUTPUT
0.
0.
                                                                                                                                             DUTPUT
                                                                      COMP.
                                                                                  OUTPUT
                                                                                                    COMP.
                                                                                                               OUTPUT
                       OUTPUT
           COMP.
                                                                                                                                       5. 1
10. 1
15. 1
20. 1
25. 1
30. 1
                                                                                                        4.
9.
14.
19.
24.
29.
34.
39.
44.
49.
54.
                          o.
o.
                                            2. 1
7. 1
                                                                          8. 1
13. 1
18. 1
                                                                                        o.
            11. 1
16. 1
21. 1
26. 1
                                            12.
17.
                                                         0.
                          0.6283976
                                           22. 1
27. 1
32. 1
                                                                                        0.6515739
                          o.
o.
                                                                                                                       0.6192418
                                                                                                                                                      0.0.0.0.0.
                          0.
                                                                                                                                        40. 1
45. 1
50. 1
55. 1
                                            37. 1
42. 1
47. 1
                                                         0.5178209
                          0.5273290
                                                                                        0.5222096
                                                         0.6310185
                                            52. 1
57. 1
62. 1
67. 1
                                                                                                                                        65.
70.
                          0.
 LEVEL ..
            2 OUTPUT OLT UF RANGE, NEW BIAS = -0.33149064
CONTROL=000000000001
2 OUTPUT OUT OF RANGE, NEW BIAS = -0.66298129
CONTROL=000000000003
 LEVEL
               2 BLAS CHANGES
            LEVEL 2
                                          0.01000000
                                                             BIAS = -0.66298129
                                                                                                                                 COMP. 00
                                                                                                                                            . n uteut
           COMP.
1. 2
1. 15
                                        COMP. OUTPUT COMP. OUTPUT 2. 2 1.0000000 0. C 0.
                                                                                                    COMP. OUTPUT
0. 0 0.
                       OUTPUT
                          o.
  SUM NO.
                          1.00000
  *** 153 [NPUT V2
MINPS=00000000010
                                  INDENTIFICATION CORRECT NCYCS=000000000014 INDICT=000000000001
 -0.35169713
```

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with 3

والرسيد سدواء والإرادة

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. - --

```
0.20000000
                                                                 BIAS =
                                                                                 -1.12657358
               COMP.
                            UUTPUT
                                              COMP.
                                                           DUTPUT
                                                                              3. 1
8. 1
13. 1
                                                                                                                                              COMP.
                                                                                                                                                           OUTPUT
                              o.
                                                   ?. 1
?. 1
                                                                                                 0.
                                                                                                                                                                    0.
0.3232757
                                                 12. 1
17. 1
22. 1
27. 1
32. 1
37. 1
                11. 1
                              0.
                                                                                                 ٥.
                                                                                   18. 1
                                                                                                 ٥.
                21. 1
                               1.0703862
                                                               0.4686609
                                                               c.
o.
                                                                                                  0.7627225
                                                                                                                                                     30. 1
35. 1
40. 1
45. 1
50. 1
                                                                                                 0.
0.1958117
0.
                                                               0.9926170
                                                                                                 0.4058452
                                                                                                                                                                    0.
0.3438192
                                                                    -2.499999991
                                              0.01000000 BIAS #
                                                                                -2.74999991
   CCMP. DUTPUT COMP. OUTPUT
1.2 0.92176HC 2.2 0.
SUM NO. 1 IS 0.92177
SUM NO. 2 IS C.
                                                                             COMP.
   ••• 154 INPUT H3
MINPS=000000000007
                                    INDENTIFICATION CORRECT
NCYCS=00000000014 IND
                                                                       INDICT=0000000000001
  LEVEL 1 DUTPUT OUT UF RANGE, NEW BIAS =

""" CONTROL=00C000000001
LEVEL 1 DUTPUT OUT UF RANGE, NEW BIAS =

""" CONTROL=00C000000003
LEVEL 1 DUTPUT OUT UF RANGE, NEW BIAS =

""" CONTROL=000000000003
LEVEL 1 DUTPUT DUT UF RANGE, NEW BIAS =

""" CONTROL=00C000000007

4 BIAS CRANGES
                                                                   -0.51043223
                                                                   -1.32654300
              LEVEL 1 MS =
                                              0.20000000 8145 =
                                                                             -1.32654300
             COMP.
                                                         CUTPUT
                         CUTPUT
                                                                                                            CCMP. (0 4. 1
9. 1
14. 1
6 19. 1
                                                                                         DUTPUT
                                                                                                                                            COMP.
2 5.
10.
15.
                                                                                                                        CUTPUT
                            0.
                                                                                 3. 1
8. 1
3. 1
                                                                                               0.2103520
0.
0.
0.6462806
                                                              o.
o.
                                                                                                                                                                  0.
0.8093910
                            C.
O.
                                                                                 18. 1
23. 1
28. 1
                                                                                                                                                    20.
25.
30.
35.
40.
45.
              21. 1
                                                                                               0.
0.1568836
                                                                                 33. 1
38. 1
                                                             ٥.
                                                                                                                                                                  0.8024992
                            0.
0.0404899
                                               42. 1
              50. 1 U. 52. 1 C

56. 1 U. 52. 1 C

61. 1 U. 62. 1 C

66. 1 C. 67. 1 C

71. 1 U. 67. 1 C

71. 1 U. UF RANGE, NEW BIAS =
                                                                                               0.
0.5816856
                                                                                                                                                   55. 1
60. 1
65. 1
70. 1
                                                                                              0.
                                                                                                                                                                  0.
0.7051099
                                                             0.
 0.53824683
             LEVEL / MS =
                                            0.01000000 BIAS # 0.53824683
            CI)MP.
                       JUTPUT
0+U922494
0+09225
1+U0000
                                          COMP. OUTPUT
2. 2 1.00
                                                            TPUT COMP. OUTPUT 1.0000000 0.0 0.
                                                                                                           COMP. OUTPUT
0. 0 0.
             1. 2
  SUM NO.
SUM NU.
  *** 155 INPUT V3
MINPS*000000000006
                                    INDENTIFICATION CORRECT
NCYCS-COUCOOUCO14 IN
                                                                      INDICT =0000000000001
  LEVEL 1 DUTPUT DUT UF RANGE, NEW BIAS =
 -0.47136828
                                                                   -0.81555064
                A BEAS CHANGES
```

LEVEL

```
LEVEL
                                MS =
                                            0.20000000
                                                              BIAS .
                                                                            -0.75818692
                                                                                                        COMP.
4. 1
9. 1
             CL MP.
                         OUTPUT
                                            COMP.
                                                        OUTPUT
                                                                          COMP.
                                                                                       OUTPUT
                                                            0.
0.
0.
0.6376022
                                                                                                                                              5. 1
10. 1
15. 1
20. 1
25. 1
                                                                                                                                                            0.
0.4010200
                                                                                                                            0.8152718
                            0.
0.
0.3803018
                                                                                            0.
                                                            0.
                                                                                            0.
0.4782539
0.
              26. 1
31. 1
36. 1
                                                                                                                                               30. i
                                                            0.
1.0090204
0.
0.
                                              32. 1
                            ٥.
~1.49999996
                                                                 -2.49999991
                                            0.01000000 BIAS =
                      OUTPUT COMP. OUTPUT
0.9370617 2.2 0.
0.93706
            1. 2
1 Is
2 IS
                                                                         COMP. OUTPUT
0. 0 0.
                                                                                                        COMP. OUTPUT
0. 0 0.
                                                                                                                                       COMP.
  SUM NO.
  *** 156 INPUT H4
MINPS=000000000005
                                   INCENTIFICATION CORRECT NCYCS=0000000000014 INC
                                                                     INDICT=00000000000001
  LEVEL 1 OUTPUT OUT OF RANGE, NEW BIAS =

CONTROL=00000000001
LEVEL 1 OUTPUT OUT OF RANGE, NEW BIAS =

CONTROL=00000000003

LEVEL 1 OUTPUT OUT UF RANGE, NEW BIAS =

CONTROL=000000000000
                                                                 -0.43969879
                                                                 -1.25950907
                                                                -2.07931936
            L OUIPUT OLT DF RANGE, NEW BIAS =
CONTROL=00C00000007
1 OUIPUT OUT OF RANGE, NEW BIAS =
CONTROL=00C000000007
1 OUIPUT OUT OF RANGE, NEW BIAS =
CONTROL=00C0000000007
6 BIAS CHANGES
  LEVEL
                                                                -1.46446165
 LEVEL
                                                                -1.56693794
            LFVEL
                     1
                               MS =
                                           0.20000000
                                                              BIAS =
                                                                           -1.56693794
                                                                                          PUT COMP. (
0.3727427 4.1
0. 9.1
0. 14.1
                       DUTPUT
0.
           COMP.
                                                      OUT PUT
                                                                        COMP.
                                                                                     DUTPUT
             1. 1
6. 1
11. 1
16. 1
21. 1
                                                                                                                    OUT PUT
                                                                                                                                      COMP.
                                                                                                                                                  OUTPUT
                                            2. i
7. i
12. i
                                                          0.
                                                                                                                                              5.
                                                                                                                                                           0.6051063
                          0.
                                                                             18. 1
23. 1
28. 1
33. 1
38. 1
                                                                                                                                             25. 1
30. 1
35. 1
40. 1
45. 1
50. 1
                                                          0.
0.
0.
0.
0.6181287
                          0.4977138
0.6522671
                                                                                                                                                           0.6403308
            0.
                                                          0.5803002
                                                                                                                           0.6189430
LEVEL ? MS =
                                          0.01000000
                                                              RIAS = -1.47684379
                                        COMP., OUTPUT COMP. OUTPUT
          COMP. NUTPUT
                                                                                                                                 COMP. DU
                                                                                                      COMP. (UTPUT
0.0 0.
                                                                                                                                                 CUTPUT
                         0.
1.01522
                                 | THUENTIFICATION | CORRECT | NCYCS=000000000014 | INDICT=0000000000001
*** 157 INPUT V4
MINP>*0000000000004
```

4.

```
LEVEL | CUIPUT OUT UF RANGE, NEW BIAS = -0.03517036

CONTRUL=000000000001

LEVEL | CUIPUT OUT OF RANGE, NEW BIAS = -0.07376751

-0.07376751

2 BIAS CHANGES
                LEVEL 1 MS =
                                                0.20000000 BIAS =
                                                                                   -0.07376751
              COMP.

1. 1
6. 1
11. 1
16. 1
21. 1
26. 1
31. 1
36. 1
41. 1
                           OUTPUT
                                               COMP.
                                                                                                                                               COMP. 0:
                                                            OUTPUT
                                                                               3. 1
8. 1
13. 1
                                                                                            OUTPUT 0.2048388
                                                                                                                             OUTPUT CO
1 0.
1 0.1460652
                                                                                                                COMP.
                                                                 0.3841961
                                                                                                                                                             CUTPUT
                              0.
0.5451633
                                                   2.
7.
                                                                                                   0.3294870
                                                                                                                                                       10. 1
15. 1
20. 1
25. 1
                                                  12. 1
17. 1
22. 1
27. 1
                                                                                                                                                                       0.2192605
                                                                                                                                     0.1267226
                               0.0434762
                                                                                    18. 1
23. 1
28. 1
33. 1
38. 1
                                                                 0.1470944
                                                                                                   0.1223209
                                                                                                                                                                       u.
0.2223547
                                                                0.
0.
0.
0.2445222
                                                                                                  o.
o.
                                                                                                                                     0.2125937
                                                                                                                                     0.1352692
                               0.
                                                                                                                                                        30. i
                                                                                                                                                                       0.1929072
                                                                                                  0.
                               0.
                                                                                                                                                        40.
                                                                 0.4448286
                                                                                                  0.0050749
                              0.1600478
0.2
0.
0.1933699
                                                                                                                                                                      0.0350049
0.1113551
                                                                 0.
0.
                                                                                                                                                       50. 1
55. 1
60. 1
                                                                                                  0.
0.0071248
                                                                                                                                    0.0506343
                                                                0.
0.
0.2320744
0.1815205
                                                                                                                                                        65. 1
                              0.0110441
               71. 1 O.
2 OUTPUT OUT UF RANGE,
CONTROL=00C000000001
1 BIAS CHANGES
                                                                                                                                    0.1673496
   LEVEL
               LEVEL 2 MS =
                                               0.016000000 BIAS = -0.50431367
   CUMP. UUTPUT
1. 2 0.7043834
SUM NO. 1 IS 0.70438
SUM NO. 2 IS 0.24562
                                                                                                              CUMP. 0. 0
                                             COMP. OUTPUT
2. 2 0.29
                                                            OUTPUT CUMP. OUTPUT
0.2956166 O.C O.
                                                                                                                                               COMP. OUTPUT
                                                                                                                           OUTPUT
0 0.
                   INPUT HS
                                      INDENTIFICATION CORRECT
NCYCS=000000000014 INC
   MINPS=000000000000
                                                                         IND1CT=0000000000001
  -0.42429507
                                                                    -1.30949722
                 4 BIAS CHANGES
              LFVEL
                                 MS =
                                              0.20000000
                                                                  BIAS =
                                                                               -1.30949722
            CUMP.
                                                              0.9921574 COMP.
                                            COMP.,
2. 1
7. 1
                          OUTPUT
                                                          OUTPUT
                                                                                          OUTPUT
              1. 1
6. 1
11. 1
16. 1
21. 1
                            0.
                                                                                                                                              COMP.
                                                                                                0.
0.2943376
                                                                                 8. 1
13. 1
18. 1
23. 1
                                                              0.
                                               17. 1
22. 1
27. 1
32. 1
37. 1
42. 1
47. 1
52. 1
57. 1
                                                                                                ٥.
                                                                                                                                                     20. l
25. l
30. l
35. l
40. l
45. l
50. l
                            0.6903042
                                                                                                                                                                   0.
                           0.
                                                                                                                                  0.6903042
                                                             0.
                                                                                                0.
                                                                                                                                                                   0.8899299
0.
0.
                                                                                                                   54. 1
59. 1
64. 1
                                                                                                                                  0.
 68. 1
                                                                                                                                                     70.
0.
                                                                                  0. 0
LFVEL
             LEVEL 2 MS =
                                            0.01000000 BIAS = -0.77500613
          COMP. (OUTPUT

1. 2 C.

1. 15 C.

2. 15 1.00000
                                           COMP. GUTPUT CUMP. OUTPUT COMP. OUTPUT
                                                                                                                                           CUMP. 00
                                                                                                           0. 0 O.
                                                                                                                                                          OUTPUT
 SUM NO.
*** 159 INPUT V5 INDENTIFICATION CORRECT NCYCS*000000000014 INC
                                                                      INDICT=0000000000001
LEVEL 1 DUTPUT DET RANGE, NEW BIAS =

CONTROL=000000000001

LEVEL 1 DUTPUT DUT DE HANGE, NEW BIAS =

CONTROL=00C000000003

LEVEL 1 DUTPUT DUT DE HANGE, NEW BIAS =

CONTROL=00C000000003

3 BIAS CHANGES
                                                                 -0.1665584a
```

```
0.20000000
                                                           RIAS =
                                                                        -0.73864047
                                          COMP.
                                                                                                  COMP. (
4. 1
3. 9. 1
                                                     OUTPUT
                                                                      CUPP.
                                                                                  CUTPUT
                                                                                                              LUTPUT
                                                                                                                               CUPP :
               1. l
6. l
11. l
                                                                                       0.
1.2256433
                                                                                                                                     5. 1
10. 1
15. 1
                           0.
                                             2. 1
7. 1
                                                         C.
0.
0.
0.
0.
                                                                          3. 1
8. 1
13. 1
18. 1
23. 1
28. 1
33. 1
38. 1
43. 1
                                                                                                                                                  0.00.00.00.00.00.
                                                                                       0.
0.
                                                                                                        14. 1
19. 1
                           0.
0.
1.0830273
0.
                                                                                                                                     50. 1
50. 1
50. 1
55. 1
66. 1
                                                                                                                     0.
                                                                                                        44.;
49.
                                                                                                                     0.
                                                                                                        54.
59.
64.
                                                                                                                                                  0.
                                                             ~1.49999996
                                                              -2.99999991
                                                            BIAS = -2.74999991
   COMP. UUTPUT
1.-2 0.9093270
SUM NO. 1 IS 0.90933
SUM NO. 2 IS 0.
                                        COMP. OUTPUT
                                                                     COMP. OUTPUT
                                                                                                  COMP. CUTPUT
                                                                                                                              COMP., IUTPUT
                                                                           0. 0
   *** 160 INPUT H6
MINPS=0000000000001
    *** 160
                                  INDENTIFICATION CO RECT
NCYCS=000000000014 INDICT=0000000000001
  -0.52788053
                                                             -1.41767141
                                                             -1.64011915
                                                             -1.52889530
                6 RIAS CHANGES
             LEVEL 1 MS .
                                         0,20000000
                                                           BIAS =
                                                                       -1.52889530
                                                                                                                            COMP.
50 1
100 1
15. 1
100 1
            COMP.
                                                    OUTPUT COMP.
0.0907044 3.
0. 8:
0.5786228 13:
                                                                                                 COMP. (4. 1 9. 1 14. 1 19. 1 24. 1 29. 1 34. 1 39. 1 44. 1
                       UUTPUT
                                        COMP.
                                                                                                             OUTPUT
                                                                                                                  0.4944763
0.00
0.4944763
0.00
0.00
0.5732528
0.00
             1. 1
6. 1
11. 1
16. 1
21. 1
                          0.
0.
0.
                                           2. 1
7. 1
12. 1
17. 1
27. 1
27. 1
37. 1
42. 1
47. 1
                                                                         3. 1
8. 1
13. 1
                                                                                     0.
                                                                                                                                                 0.
                                                                                                                                    20 a 1
25 a 1
30 a 1
35 a 1
                                                                                                                                                 0.4667506
             26. 1
31. 1
36. 1
41. 1
46. 1
51. 1
                         0.
0.3331707
0.0763179
0.
0.
                                                        0.2101104
                                                                                                       39.
44.
49.
54.
                                                                                                                                                 0.
                                                                                     0.
0.
0.
0.
0.
0.
0.2547200
                                                        0.
                                                                                                                                                 0.
           0.
0.
0.
0.5378307
                                                                                                                                     50. l
                                                                                                                                                 0.5745179
0.
0.7948012
                                                                                                                   0.
(.
0.
                                                                                                                                    60. 1
65. 1
70. 1
                                                                        68. 1
  LEVEL
                                                           -0.20493919
  LEVEL
                                                           -0.40987840
            LEVEL 2 MS -
                                        0.01000000 HIAS = -0.40987840
           COMP.
1. 2
. 1 IS
                                                                                                CUMP. 17.
                                       COMP. SUTFUT COMP. DUTPUT 2. 2 1.0000000 0. 0 0.
                      UUTPUT
                                                                                                                            COMPS DUTPUT
                                                                                                            OUTPUT
                       0.
0.
1.J0000
  SUM NO.
  ••• 161 INPUT V6
MINPS=0000000000014
                                 -0.25849798
                                                           -0.590/6951
                                                           -0.92304105
```

LEVEL 1

MS =

```
C 42.
                                                      51 mm 2
                                                                      CLIPUI
                                                          2. i
7. i
!?. i
!7. i
                                                                           6.
6.
                                                                                                                                                                                                      1.0767336
                10 1
6. 1
11 1
16. 1
21 2
3: 1
3: 1
3: 1
41. 1
46. 1
51. 1
                                                                                                                                                                                     5. 1

10. 1

15. 2

7C. 1

25. 1

30. 1

35. 1

40. 1

45. 1

50. 1

55. 1

67. 1
                                                                                                                                                             c.
                                                                                                                                            14. 1
19. 1
29. 1
39. 1
39. 1
44. 1
54. 1
59. 1
69. 1
                                                         17. 1
22., 1
27. 1
32. 1
37. 1
42. 1
47., 1
52. 1
57. 1
                                                                           C.
1.310595A
C.
                                                                                                                                                                                                       1.076-336
 LFVEL 2 'MS +
                                                      0-0100000C BIAS + 92-9999991
                                                                                                                                    COPF.
0. 0
 CCF . JUSPUS
0. C C.
                                                                                                                                                    CUTPUT
C G.
                                                                                                                                                                            CGRP. OUTPUT
0. 0 0.
  *** 162 | $NPUT H1
MINPS=0000000000013
                                         INDENTIFICATION CORRECT
NCYCS=000GCGDDGG14 IN
                                                                                      140101+6000000000001
** CENTROL = COJOOCGOOCGT
6 BIAS CHANGES
               LEVEL 1 MS =
                                                      0.20000000 BIAS : -1.57670639
                                                                                                                                   CGMP. C
4.1
9.1
14.1
124.1
24.1
24.1
39.1
54.1
39.1
54.1
59.1
64.1
             CUMP.
                             CUTPUT
                                                     COMP.
                                                       OUTPUT
                                                                                                             OUTPUT
                                                                                                                                                                                            DUTPUT
               1. 1
6. 1
11. 1
10. 1
21. 1
                                                                          0. 0.6427536
                                                                                                                                                                                    5. 1
10. 1
15. 1
20. 1
25. 1
30. 1
40. 1
                                0.6171114
3.
0.
                                                                          0.
0.
0.
                                                                                                                                                                                                      0.
0.4223764
0.
0.5047187
0.
                                                                                                                    o.
                26. 1
31. 1
                                 0-1240796
                                                                          0.5285653
                                0.
                                                                                                                                                             ٥.
                                                                                                                                                                                                      0.
                                                                                                                                                            0.3945521
0.4230841
0.
0.
                                                                                                                                                                                     50. 1
55. 1
60. 1
65. 1
70. 1
                                                                                                                    0.
                                                                          o.
o.
                                                                                                                    ٥.
٥.
LEVEL 2 MS .
                                                    0.01000000 BIAS = -C.41148536
 COMP. DUTPUT

1-2 0-
SUM NO. 1 15 0.
SUM NO. 2 15 1.60000
                                                    COMP. OUTPUT COMP. OUTPUT 22 2 1.0000000 C. 0 0.
                                                                                                                                   COMP. CUTPUT
0. 0 0.
                                                                                                                                                                           COMP. OUTPUT
                    INPUT VI
 ••• 163
                                           140ENT1F1CATION CORRECT
NCYCS=0000000000014 1401CT=0000000000001
 MINPS=000000000012
LEVEL 1 DUTPUT DUT DE RANGE, NEW BIAS = -0.78767024

*** CPMTROL=000000000CC1

LEVEL 1 DUTPUT DUT DE RANGE, NEW BIAS = -0.77366573

*** CPMTROL=0000000003

LEVEL 1 DUTPUT DUT DE RANGE, NEW BIAS = -1.25946121

*** CPMTROL=0000000000003

LEVEL 1 DUTPUT DUT DE RANGE, NEW BIAS = -1.01656748

*** CPMTROL=000000000007

LEVEL 1 DUTPUT DUT DE RANGE, NEW BIAS = -1.13801233

*** CPMTROL=00CU000007

``

Lføft

1 25 -

0.20000000 eles e

-0.47364105

ų

```
-1.13901233
 CUMF.
 DUTPUT
 COMP.
 OUFPUT
 COMP.
 OUTPUT
 2.
7.
 0.
0.
C.
 0.
 5.
10.
 0.
 10.
21.
 0.5544337
 20. 1
25. 1
10. 1
35. 1
 22. 1
27. 1
32. 1
 ٥.
 0.8264192
 23. 1
28. 1
33. 1
 0.
0.7692312
 0.
 36. l
41. l
 38. 1
43. 1
48. 1
 0.1188517
 37. 1
 ٥.
 0.8113308
 39. 1
 0.
 40. 1
 54. 1
54. 1
54. 1
54. 1
54. 1
 45. 1
50. 1
55. 1
 0.0.0.0.
 ٥.
 0.0740826
 60.
 1. 1 0. 62. 1
6. 1 0. 67. 1
1. 1 0. 72. 1
OUTPUT OUT OF RANGE, NEW BIAS
 0.9699645
 0.8617903
 ٥.
 LEVEL
 2 OUTPUT OUT OF RANGE, NEW BIAS = CONTROL=0000000001
2 OUTPUT OUT OF RANGE, NEW BIAS = CONTROL=00000000001
2 OUTPUT OUT OF RANGE, NEW BIAS =
 -1.49999996
 LEVEL
 -2.49999991
 reaer____
 -2.99999991
 0.01000000 BIAS + -3.24999986
 1.00833 C.
 COMP. OUTPUT

1. 2 1.008325

1 IS 1.00833

2 IS C.
 COMP.
0. 0
 COMP. OUTPUT
 OUT PUT
 *** 164 INPUT H2
MINPS=000000000011
 INDENTIFICATION CORRECT
NCYCS=000000000014 INDICT=000000000001
 LEVEL ..
 -0.41381544
 -1.82923970
 -1.47538364
 FEAEF I
 0.20000000
 BIAS .
 -1.47538364
 OUTPUT
 COMP.
 DUTPUT
 COMP.
 OUTPUT
 OUTPUT
 COMP.
 OUTPUT
 1. 1
6. 1
11. 1
 2. 1
7. 1
12. 1
 3.
8.
13.
 0.
 4. 1
9. 1
 o.
 0.
 16. 1
21. 1
26. 1
31. 1
 0.6222629
 0.0400466
0.4903969
0.6256919
 23. 1
28. 1
33. 1
38. 1
43. 1
 0.6424601
0.
0.
 27. 1
32. 1
37. 1
42. 1
47. 1
52. 1
 30. 1
35. 1
40. 1
45. 1
50. 1
 ٥.
 34. 1
39. 1
 0.5243947
0.
0.
 19. 1
44. 1
49. 1
54. 1
59. 1
64. 1
 0.6234129
 0.5186601
 53. 1
58. 1
63. 1
68. 1
 0.0782908
 0.
 ٥.
 71. 1 C. 72. 1 0.4753881
2 DUTPUT OUT OF RANGE, NEW BIAS - -0.35552
 0.
 0. 0
 0. 0
 LEVEL
 L 2 DUTPUT OUT UF RANGE, NEW BIAS =

CONTROL=000000000001

U 2 DUTPUT OUT UF RANGE, NEW BIAS =

CONTROL=00000000000

BIAS CHANGES
LEVEL
 -0.71105132
 LEVEL 2 MS *
 0.01000000 BIAS = -0.71105132
 COMP. OUTPUT 2 2 1.00000
 COMP.
1. 2
1 IS
2 IS
 0.0
 UUTPUT
 COMP. OUTPUT
 COMP. CUTPUT
0. 0 0
 DUTPUT
 1.0000000
 0. 0
 1.00000
 INDENTIFICATION CORRECT
NCYCS=000000000014 IN
 INPUT V2
 ... 165
 MINPS=000000000010
 INDICT = 00000000000001
 LEVEL
 -0.74323183
FEAEF
 I DUTPUT OUT UF RANGE, NEW BIAS .
LEVEL
 CONTROL -0000000007

1 UUTPUT DUT UF RANCE, NEW BIAS -
CONTROL -0000000000007

3 BIAS CHANGES
```

Ž

LEVEL

MS =

0.20000000

BIAS =

```
UUIPUI
 COMP.

4. 1

9. 1

14. 1

19. 1

24. 1

3 29. 1

34. 1

44. 1
 1. 1
6. 1
11. 1
16. 1
21. 1
26. 1
31. 1
 COMP.
 OUTPUT
 TPUT

0.

0.

0.

0.1198058

0.5122575

0.

0.

0.
 COMP.
 2. 1
7. 1
17. 1
17. 1
22. 1
27. 1
37. 1
47. 1
 OUTPUT
 5. 1
10. 1
15. 1
20. 1
25. 1
30. 1
35. 1
46. 1
50. 1
55. 1
60. 1
65. 1
70. 1
 ú.
 0.
 1.1758817
 0.8954653
 ۷.,
 | 10. | 12. | 0. | 12. | 0. | 14. | 1. | 0. | 14. | 1. | 0. | 14. | 1. | 0. | 14. | 1. | 0. | 14. | 1. | 0. | 14. | 1. | 0. | 14. | 1. | 0. | 14. | 1. | 0. | 14. | 1. | 0. | 14. | 1. | 0. | 14. | 1. | 0. | 14. | 1. | 0. | 14. | 1. | 0. | 14. | 1. | 0. | 14. | 1. | 0. | 14. | 1. | 0. | 14. | 1. | 0. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14. | 14.
 36. l
41. l
 0.2755023
 49. 1
54. 1
59. 1
64. 1
69. 1
 0.
1.1206030
0.
 0.
0 5013902
 0.º
 0.3217867
 -3,49999998
 -2.499999991
 -2.99999991
 6 BLAS CHARLES
 LEVEL 2 MS .
 0.01000000 BIAS *
 -3.2499998H
 CUMP. UUIPUT CUMP. NUTPUT

1. 2 1.0647897 2. 2 0.

1 15 1.06479

2 15 C.
 COMP.
 DUTPUT
 COMP.
 TU4TU0 .4403
 OUTPUT
 0. C
 0. 0
 SUM NO.
 *** 166 INPUT H3
MINPS=0000000000007
 INDENTIFICATION CORRECT
NCYCS=000000000014 IN
 INDICT=0000000000001
 -0.51476164
 -1.33721240
 LEVEL 1 MS .
 0.20000000 BIAS * -1.33721240
 COMP.
2- 1
7- 1
17- 1
17- 1
22- 1
22- 1
32- 1
32- 1
32- 1
 3. 1
3. 1
0.13., 1
0.23., 1
0.23., 1
70. 1
33. 1
36. 1
43. 1
48. 1
53. 1
68. 1
68. 1
0. 0
0. 31258647
 CUMP.
 OUTPUT
 COMP. GUTPUT
6 4.1 0.
9.1 0.
14.1 0.
14.1 0.
19.1 0.
34.1 0.
34.1 0.
34.1 0.
34.1 0.
44.1 6.
49.1 0.
59.1 0.
64.1 0.
69.1 0.
 OUTPUT
 6. 1
11. 1
 109100
 COMP.
 0.
0.4355315
 0.
0.
 CUTPUT
 0.2196126
 0.6625734
 0.
0.7965972
 10. 1
15. 1
20. 1
25. 1
30. 1
35. 1
40. 1
50. 1
55. 1
60. 1
65. 1
70. 1
 0.6396010
 0.
0.1436273
0.
0.
0.
 0.
 0.7904939
 0.
0.6612369
0.
0.
0.
 0.6918305
0.
0.
 LEVEL
 LEVEL
 reaer
reaer
 0.46887971
 LEVEL 2 MS =
 0.01000000 BIAS x 0.54702634
 | COMP. OUTPUT | COMP
 COMP. OUTPUT
 CUMP. NUTPUT
0. 0 0.
 *** 167 INPUT V3
 -0.25571045
 -0.48984289
 -0.95810777
```

. . .

LEVEL

CUMP.

1 MS =

0.20000000 BIAS = -1.04656318

```
CUMP. 1
9-1
14-1
19-1
24-1
24-1
34-1
34-1
34-1
44-1
54-1
64-1
64-1
 COMP. 00
5. 1
156 10. 1
15. 1
20. 1
25. 1
30. 1
35. 1
 CUMP.
 COMP.
 CUTPUT
 CUMP.
 OUTPUT
 CUTPUT
 0.
0.7515056
0.
0.
 Ú.
 0.
0.
0.
0.
0.3748472
 C. 3835488
 0.6126565
 21. l
26. l
 27. 1
32. 1
37. 1
42. 1
47. 1
 0.3487481
C.
U.
 38. 1
 Ú.
 0.
 0. 1 0. 47. 1 (6)
1 1 C.4103123 52. 1 (6)
6. 1 0. 57. 1 (6)
1. 1 0. 62. 1 (6)
6. 1 0. 67. 1 (7)
1. 1 0. 72. 1 (7)
UUTPUT GUT OF RANGE, NEW BIAS =
 LEVEL 2 DUTPUT DUT OF RANGE, NEW BIAS = -0.,9394999

LEVEL 2 OUTPUT DUT OF RANGE, NEW BIAS = -1./9999996

CONTROL=0000000000001

LEVEL 2 DUTPUT OUT OF RANGE, NEW BIAS = -10.83202887

CONTROL=0000000000000

LEVEL 2 DUTPUT OUT OF RANGE, NEW BIAS = -6.16601443

CONTROL=0000000000007

LEVEL 2 DUTPUT OUT OF RANGE, NEW BIAS = -3.83300722

CONTROL=0000000000007

LEVEL 2 DUTPUT OUT OF RANGE, NEW BIAS = -2.66650358

CONTROL=0000000000007

LEVEL 2 DUTPUT OUT OF RANGE, NEW BIAS = -2.08325177

CONTROL=000000000000007

LEVEL 2 DUTPUT OUT OF RANGE, NEW BIAS = -2.3/487769

CONTROL=000000000000007

B BIAS CPANUES
 LEVEL
 LEVEL 2 MS +
 0.01000000 81AS = -2.37487769
 COMP. OUTPUT COMP. OUTPUT

1. 2 1.0283359 2, 2 0.

SUM NO. 1 IS 1.02834
SUM NO. 2 IS C.
 output
0.
 COMP. 0∪
0.0
 0.0 0.0
 COMP. CUTPUT
0.0 0.0
 *** 168 INPUT H4 MINPS=00000000000005
 INDENTIFICATION CORRECT NCYCS=000000000014 INDICT=000000000001
 LEVEL 1 OUTPUT OUT UF RANGE, NEW BIAS = CONTROL=000000000001

LEVEL 1 OUTPUT OUT OF RANGE, NEW BIAS = CONTROL=00C000000003

LEVEL 1 OUTPUT OUT UF RANGE, NEW BIAS = CONTROL=00C000000003
 -1.26/27656
 LEVEL 1 DUTPUT DUT DF RANGE CONTROL = 00000000007 6 BEAS CHANGES
 LEVEL
 0.20000000
 E'AS =
 -1.57774119
 OUTPUT COMP.

0.344573; 4.1

6. 9.1

0. 14.1

0. 19.1
 50 1
10 1
15 1
20 1
25 1
30 1
35 1
 CUMP.
 CUMP.
 UU TPU T
 COMP.
 DUTPUT
 1. 1
6. 1
11. 1
 0.
 0.6108483
0.
0.
 0.
 0.
 0.6528948
 0.6201676
 0.01000000 RIAS = -1.49999946
 COMP. OUTPUT COMP. OUTPUT 2. 2 1.0953748 0. 0 0.
 COMP. LUTPUT 0.0 0.
 CHMP. 991PHT 0.0.
 *** 169 INPUT V4
MINPS=000000000000004
```

LEVEL

1 MS =

0-20000000 BIAS = -0.84104155

```
LEVEL 1 MS =
 0.200 GCGC RIAS + -0.15743725
 CUTPUI
 COPP.
 CUMP 🦠
 CUTPUI
 CUMP. CUTPUT
 CUKP.
 3 c 1
8 c 1
13 1
16 1
23 c 1
28 c 1
33 1
38 c 1
43 c 1
 10 1
6. 1
110 1
16, 1
71. 1
 2. 1

7. 1

12. 1

17. 1

27. 1

27. 1

32. 1

37. 1

42. 1

47. 1

52. 1

57. 1
 0.3651076
0.3633009
0.
0.1455632
 1.51 62176
 6.6151171
 1.0704670
 9. 1
14. 1
19. 1
24. 1
29. 1
34. 1
39. 1
 0.0666656
0.1739103
0.
C.3537541
 16. 1
15. 1
20. 1
25. 1
 0.2314444
 U-0150720
 0.3093800
 0.
 26. i
 0.2043021
 30 -, 1
35 - 1
 0.2007659
 36.0 1
41.0 1
45.1
51.1
 0.2007182
(.4349584
(.
 35. 1
40. 1
45. 1
50. 1
55. 1
60. 1
65. 1
70. 1
 0.
 40. 1 C2

40. 1 G.1482016

51. 1 G.

51. 1 G.

61. 1 G.

61. 1 U.154836R

60. 1 G.

71. 1 C2

7 CUTPUT DCL OF RANGE,

10. 15400 2000 2000 2000 4
 0.
0.
 0.0260713
0.
0.
 0.0928203
 67. 1
 J.2664824 68.
0.2243766 0.
= -6.66613098
 0.1402231
 ** COTPUT DUT OF RABGE

** CONTROL MODEL OF COMMENT

1 BIAS CHANGES
 LEVEL 2 MS =
 0.01000000 81AS = -0.60813098
 COMP. CUIPUT
1. 2 C.447662
SUM NO. 1 IS 0.44766
SUM NO. 2 IS C.55234
 CUMP. OUTPUT COMP. OUTPUT 2 2 (.5523377 0 0 0 0.
 Cump. CUTPUT
0.0 0.
 CUMP. CUTPUT
 *** 170 INPUT H5 HINPS=0000000000000
 INCURRECT.
NUYCS-000000000013 INDICT=0000000001
 C BLAS CHANGES
 LEVEL 1 MS =
 0.2000000
 BIAS =
 0.5

0.00 CUMP.

0.1924909 3.1

0.8.1

0.13.1

0.2147599 18.1

0.23.1

0.28.1

0.23.1
 0. COP?. 00

0. 2208d/3 10. 1

0.1824474 15. 1

0. 70. 1

0.167455 45. 1

0.162871 35. 1

0. 40. 1

0.0 40. 1

0.038458 45. 1

0.1813977 50. 1
 CUMP.
 DUTPUT
 OUTPUT
 1. 1
6. 1
11. 1
16. 1
 2 0 1

7 1

12 0 1

17 0 1

22 0 1

27 0 1

37 0 1
 PUT COMP. (
0.2042331 4. 1
0.20405463 9. 1
C. 14. 1
0.1320953 19. 1
0. 24. 1
0. 29. 1
 OUTPUT
 ú.
0.2112772
 0.
0.2030482
 0.
 0.
0.0+76213
0.
0.
0.
 0.0703626
 21. 1
26. 1
41. 1
36. 1
41. 1
51. 1
56. 1
61. 1
66. 1
71. 1
 28. 1
28. 1
33. 1
38. 1
 0.1619657
 0.2391181
 29. 1
34. 1
39. 1
44. 1
49. 1
54. 1
59. 1
64. 1
 0.3166102
0.1724838
 0.
 0.0420050
 0.2073781
0.
0.2418887
0.0187352
 0.1155485
 0.1530603
 0.1813977
 50. I
 0.1537244
 55. 1
60.
65. 1
/0. 1
 0.
0.
 0.
 0. 63
1.2344304 68
6.1482628 0
= -0.17339331
 0.205/387
 0.1385936
 LEVEL 2 MS = 0.01000000 BIAS = -0.17339341
 COMP. | UTPUT COMP., OUTPUT 1-2 0.7552636 2.2 0.244
- 1 15 0.75526 2.2 0.244
 UTPUT COMP. OUTPUT
C.2447364 G.C O.
 COMP. 00
 CUMP. CUTPUT
 0utput
 -1.02228515
 -1.61913/54
 -1.32071134
 LEVEL 1 MS =
 0.20000000 BIAS = -1.32071134
 -1.32
COMP.
30 1
80 1
130 1
100 1
200 1
330 1
430 1
430 1
450 1
550 1
660 1
6726
 COMP. 4. 1

4. 1

9. 1

14. 1

19. 1

24. 1

34. 1

39. 1

44. 1

54. 1

59. 1

40. 1
 r Mp.
 TUSTUU
 MP.
1. 1
6. 1
11. 1
16. 1
21. 1
26. 1
31. 1
46. 1
 OUTPUT
 OUTPUT
 0.
0.
0.
0.
0.
0.6740749
 CUTPUT
 0.8908197
6.
0.
 0.2708066
 5. 1
10. 1
15. 1
20. 1
25. 1
30. 1
35. 1
40. 1
 0.
 \mathbf{0} .
 27, 1
32, 1
37, 1
77. 1 C. 33
37. 1 C. 33
41. 1 C. 38
46. 1 C. 47. 1 C. 38
46. 1 C. 47. 1 C. 48.
51. 1 C. 52. 1 C. 48.
51. 1 C. 52. 1 C. 53.
56. 1 C. 57. 1 C. 58.
61. 1 C. 67. 1 C. 68.
61. 1 C. 67. 1 C. 63.
68. 1 C. 67. 1 C. 69924 SR.
68. 1 C. 67. 1 C. 69924 SR.
68. 1 C. 67. 1 C. 60.
69. 1 C. 67. 1 C. 60.
69. 1 C. 67. 1 C. 67. 1 C. 60.
69. 1 C. 67. 1 C
 0.000
 0.6790749
0.7982039
 υ.
Դ.
 50, 1
55, 1
60, 1
65, 1
 0.8788367
0.
0.
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THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE P

```
LEVEL 2
 0.01000000 BIAS = ~0.60987455
 DUTPUT
 COMP. 2. 2
 0UTPUT
1.0000000
 COMP. 0.0
 CUMP. OUTPUI
 CUMP. GUTPUT
0. 0 0
 OUTPUT
 SUM NO.
 2 15
 1.00000
 *** 172 .NPUT V5
MINPS=0000000000002
 LEVEL 1 OUTPUT OLT UF RANGE, NEW BIAS =
CONTROL=000000000001

LEVEL 1 OUTPUT OLT OF RANGE, NEW BIAS =
CONTROL=000000000003

LEV. 1 OUTPUT ULT UF RANGE, NEW BIAS =
CONTROL=000000000003
3 BIAS CHANGES
 -0.41377176
 -0.67277345
 LEVEL ! MS .
 0.2000000
 COMP.
4- 1
9- 1
 -0.57217345
 COPP.
 COMP.
3. 1
8. 1
13. 1
18. 1
23. 1
 OUTPUT
 COMP.
 OUTPUT
 OUTPUT
 2. 1
7. 1
12. 1
17. 1
22. 1
27. 1
 1. 1
6. 1
11. 1
 0.
1.1426927
C.
 0.
1.3032601
0.
 5. 1
10. 1
15. 1
20. 1
25. 1
39. 1
 14. 1
19. 1
24. 1
29. 1
34. 1
39. 1
44. 1
49. 1
54. 1
59. 1
64. 1
 0.
 28. 1
33. 1
38. 1
43. 1
48. 1
53. 1
58. 1
63. 1
68. 1
 0.
0.0682350
 0.
0.
1.1006383
 31. 1
36. 1
 ٥.
 0.
 ۵.
 0.
0.
0.
0.
 40.
45. 1
50. 1
55. 1
60. 1
65. 1
 0.0871635
 o.
o.
 ٥.
 -1.49999996
 -2.49999991
 0.01000000 6145 + -2.49999991
 COMP. OUTPUT COMP. OUTPUT

1. ? 1.0533595 2. 2 0.

SUM NO. 1 IS 1.05536

SUM NO. 2 IS C.
 OUTPUT
0 0.
 OUTPUT
 COMP. OUTPUT 0.00.
 CUPP.
 0. 0
 ••• 173 INPUT H6
 LEVEL 1 (STPUT OUT OF RANGE, NEW BIAS =
CONTROL=00C000000001
LEVEL 1 OUTPUT OUT OF RANGE, NEW BIAS =
CONTROL=00C000000003
LEVEL 1 OUTPUT OUT OF RANGE, NEW BIAS =
CONTROL=00C00000003
 LEVEL 1 OUTPUT OUT UF RANGE, NEW BIAS =

CONTROL=000000000003

1 DUTPUT OUT UF RANGE, NEW BIAS =

CONTROL=000000000007

LEVEL 1 OUTPUT OUT UF RANGE, NEW BIAS =

CONTROL=000000000007

LEVEL 1 OUTPUT OUT UF RANGE, NEW BIAS =

CONTROL=0000000000007

A RIAS CHANGES
 -1,65015025
 -1.53821836
 A BIAS CHANGES
 0.20000000 BIAS =
 -1.53821836
 COMP., U.S. 1
 CUMP.
 CUTPUT
 LOMP
 OUTPUI
 DUTPUT
 OUTPUT
 DUYPUT
 10 1
6. 1
110 1
16. 1
21. 1
 0.0474713
0.
0.5586553
 2. 1
7. 1
 2. 1
7. 1
12. 1
17. 1
22. 1
21. 1
 0.
 5. 1
10. 1
15. 1
20. 1
25. 1
30. 1
 0.
0.
0.
0.
0.
0.4599250
 0.4874775
 18; 1
23; 1
28; 1
 0.
 0.
 0.
 31. 1
36. 1
41. 1
 34. 1
39. 1
44. 1
49. 1
54. 1
 35. 1
40. 1
45. 1
50. 1
 33.
30.
 0.
0.
0.5566373
 0.
 0.1970952
 0.
 0.1970932
0.
0.
0.
0.
0.5250129
 0.
 0.
 0.
0.
 1. 1 00 57. 1 00
6. 1 0. 57. 1 0.
1. 1 0. 622 1 0.525
6. 1 00 67. 1 0.
1. 1 0. 72. 1 0.
UJTPUI DUT UF RANGE, NEW BIAS A COUNTY OF CONTROL OF COUNTY OF COUNT
 0.5618389
 60.
65.
70.
 0.7668307
0.00
 0.2423052
 LEVEL 2 UJTPUT OUT OF RANGE, NEW DIR.

•• CONTROL =0000000000001

LEVEL 7 DUTPUT OUT OF RANGE, NEW BIAS = -0.53252167

•• CONTROL =000000000003

2 BIAS CHANGES
```

The Court of the state of the s

, ,

3

0.01030000 #1AS = -0.53252167

UUTPUT CUMP. QUTPUT CUMP. QUTPUT U. 2.2 1.0000000 0.0 0. COMP. OUTPUT COMP. OUTPUT 0.0 0. 0.0 0. 0. 6. 1.00000

| INDENTIFICATION | CURRECT | NOTCE-00000000001 | INDECT-00000000001

END OF INPUT. SIPULATION COMPLETE. MAIN TEST IS DONE.

| 00210        |                                         | 17001055 601 | ENSE 140<br>1207003074 <b>00</b> 0        | -1                                     | XR1<br>7074 77476<br>0704 -00302        | XR3 XR4<br>90000 7166<br>-00000 -0611  | 2 -00000 -                              | XR6 XR7<br>00000 00000<br>-00000 -00000 |
|--------------|-----------------------------------------|--------------|-------------------------------------------|----------------------------------------|-----------------------------------------|----------------------------------------|-----------------------------------------|-----------------------------------------|
| 0-011        | INDICATO                                |              | ne.                                       | SENSELIGHTS                            | 90 LO                                   |                                        | E SWITCHES                              | 5 t                                     |
| Q-BIT<br>OFF | P-BIT TRAP<br>UFF OFF                   | OCT TOT      | OFL<br>OFF OF                             | 1 2 3<br>F OFF OFF                     | 4 04521<br>OFF                          | OFF OFF                                | 3 4<br>OFF OFF                          | OFF UFF                                 |
|              |                                         |              |                                           |                                        |                                         | 00000000000                            | 00000000000                             | 00000000000                             |
| 20010        | -(0,84                                  |              |                                           |                                        |                                         | HTR 000000                             | HTR 000000                              | HTR 000000                              |
| 01000        | 00210000C21C                            |              |                                           |                                        |                                         | 002100001055<br>TTR 04008+             | 00000000000000000000000000000000000000  | 002100001055<br>TTR 0A008*              |
| 00020        | 000000000000                            |              |                                           |                                        |                                         | 000000000025                           | 00000000000                             | 0000000000027                           |
|              | HTR 000000                              |              |                                           |                                        |                                         | hTR 00000E                             | 000000 ATH                              | HTR 00000G                              |
| 00030        | 0000000000000<br>HTR 000000             |              |                                           |                                        |                                         | C0000000000000000000000000000000000000 | 00000000000000000000000000000000000000  | 000000000000<br>HTR 000000              |
|              |                                         |              | 0040 TO 00057                             |                                        | 0000000000                              |                                        |                                         |                                         |
| 00060        | 000000000000                            | U0000000000  |                                           | • ••••••                               | HTR 000000                              | 277744000000                           | 000000000000                            | 060065002025                            |
| 00000        | HTR 000000                              |              |                                           |                                        |                                         | 272746000000<br>TIX GGU000             | HTR 000000                              |                                         |
| 00070        | 060065002025                            | 0012020030   | 74 00120200307                            | 4 00000000000                          | 0 00000000000                           | 376476077007                           | -052000000710                           | 056460000735                            |
| 00100        | \$17 • 60V0•E                           |              |                                           |                                        |                                         | TXH •U•7Y7                             | N2T N+0076                              | ENB 50007+                              |
| 00100        | TRA 0+00V#                              |              |                                           |                                        |                                         | HTR 000000                             | MEK 001001                              | HTR 00H01-                              |
| 00110        | 00000+000170                            |              |                                           |                                        |                                         | 002100000210                           | 000047000702                            | 002000400002                            |
| 00120        | HIR 00401Y                              |              |                                           |                                        |                                         | TTR 040028<br>100000000131             | HTR 00P072<br>-000001000127             | TRA 0+0-02<br>100000005404              |
|              | TRCE OF-700                             | TX1 82+02    | 7D MTR 00000                              | O HTR 00000                            | 0 STR 200000                            | TXI 8COOLI                             | -0101G                                  | TXI 8000+4                              |
| 0013C        | 100000000126<br>TXI 80001F              |              |                                           |                                        |                                         | 000000000000<br>HTR 000000             | 00000C000000<br>HTR 000000              | 000000000000<br>HTR 000000              |
| 00140        | 000001000276                            |              |                                           |                                        |                                         | HTR 000000<br>000015000272             | HTR 000000<br>000014900266              | HTR 000000<br>000003000306              |
|              | HTR 00102+                              | HTR ( O      | 00 HTR 00000                              | 0 HTR 00000                            | 0 HTR 00±025                            | HTR 00+02+                             | MZO.CC NIH                              | HTR 003036                              |
| 00150        | 000003000306<br>HTP 003036              |              |                                           |                                        |                                         | 000005000316<br>HTR 00503*             | 000005000366<br>HTR 00503W              | OCO001000346<br>HTR OC1030              |
| 20160        | 000002000352                            |              |                                           |                                        |                                         | 00000000000                            | 000000000000                            | 00000000000                             |
|              | HTR 00203-                              |              |                                           |                                        |                                         | HTR 000000                             | HTH 000000                              | HTR 000000                              |
| 00170        | 300015000262<br>Tah H0+025              |              |                                           |                                        |                                         | 000043000402<br>HTR 00L042             | 000043000416<br>HTR 00L04*              | 000043000446<br>HTR 00L040              |
| 00200        | 000134200477                            | 20000000000  |                                           |                                        |                                         | U00000004712                           | 000000000000                            | 00000000000                             |
|              | 011+4+                                  |              |                                           |                                        |                                         | HTR 0000P#                             | HTR 000000                              | HTR 000000                              |
| 00510        | 052000000742<br>ZET 5+007K              | TRA 0+00     |                                           |                                        |                                         | U54000000222<br>LDQ 5 0028             | -060000000022<br>STQ 000068             | 0560000000223<br>LDQ 5 002C             |
| 00220        | 076000005000                            | 67210000022  | 00001200000                               | 0 00000000000                          | 0 -050000000261                         | 002000000240                           | 060000000207                            | 077400400214                            |
| 00230        | 811E 7 0090<br>060000400477             |              |                                           |                                        |                                         | TRA 0+002-<br>060000000710             | 060000000000000000000000000000000000000 | AXT 710-2'                              |
| 002 30       | \$12 500-4                              | TIX +01-2    |                                           |                                        |                                         | 512 600078                             | ST2 600030                              | ST2 600005                              |
| 00240        | 052000000207                            | 00200000024  | 60 06020000002                            | 3 -05000000025                         |                                         | -050000000260                          | 060200000022                            | 076000005000                            |
| 00250        | 21 5+0027<br>057000000022               |              |                                           |                                        |                                         | CAL NG002<br>U02000000076              | SLW 62000B                              | 817E 7 00Q0<br>000010000000             |
|              | ZET 5+000A                              | TRA 0+002    |                                           |                                        |                                         | TRA 0+000+                             | XL ZBSYS                                | HT4 008000                              |
| 005 90       | 00001100000C                            |              |                                           |                                        |                                         | 000000000000<br>HTR 000000             | J01341000000<br>0≈J000                  | 000000000000<br>000000 9TH              |
| 00270        |                                         |              |                                           |                                        |                                         | 0000000000000000                       | 001501051919                            | 000000000000                            |
|              | -00000                                  |              |                                           |                                        |                                         | HTR 000000                             | 0+17++                                  | HTR 000000                              |
| 00300        | 000000000001<br>HTP 000001              |              |                                           |                                        |                                         | 00000000000000000000000000000000000000 | 001203003110                            | 000000000000<br>HTR 000000              |
| 00310        | 0000000 306 54                          |              |                                           |                                        |                                         | 0000000000000                          | 001205000322                            | 00000000000                             |
| 00330        | -000000000000000                        |              |                                           |                                        |                                         | HTR 000000                             | 0+5038                                  | HTR 000000                              |
| 00320        | -00000                                  |              |                                           |                                        |                                         | 000021741034<br>HTR 00A(8)             | 001207000000                            | 000000000000<br>HTR 000000              |
|              | 00000000000                             | 00002174073  |                                           |                                        |                                         | 000021740434                           | 001211000326                            | 000000000000                            |
| 00330        | HTR 000000                              |              |                                           |                                        |                                         | HTR 00A(4)                             | 0+903F                                  | HTR 000000                              |
| 00340        | 00000000000                             | 0000217412   | 94 00121200000                            | 0 00000000000                          | 0 00000000000                           | 000022740134                           | 002201021712                            | 00000000000                             |
| 00350        | 000000 974<br>0000000000000             | HTR 00A(S    |                                           |                                        |                                         | HTR COB(1)                             | TRCA 0812++                             | HTR 000000<br>000000000000              |
|              | HTR 000000                              | HTR 00000    | OU TRCA 0822.                             | <ul> <li>HTW 00000</li> </ul>          | AOUGOU NTH O                            | HTR 000000                             | TRCA 0832+0                             | HTR 000000                              |
| 00760        | 00000000000000000000000000000000000000  | 00000000000  |                                           |                                        |                                         | 00000000000000000000000000000000000000 | 002205000372<br>TRCA 08503=             | 000000000000<br>HTR 000000              |
| 00370        | -000000000000                           |              | )O -0022060CU37                           |                                        |                                         |                                        | -002207000000                           | 000000000000                            |
|              | -00000                                  | HTR 00000    | O FRCR -8603                              | <ul> <li>HTR 00000</li> </ul>          | U HTR 000000                            | HTR 000000                             | TRCB -87000                             | HTR 000000                              |
| 00406        | 000001000000<br>HFR 001000              |              | )) -00221000040<br>)0                     |                                        | 000000000000000000000000000000000000000 | 00000000000000000000000000000000000000 | -007211000412<br>+RCB -8904             | 0000000000000<br>htr 000000             |
| 00410        | -000000000000                           |              | 0 -00221202037                            |                                        | 0 -000000000000                         | 000000000000                           | -003701000422                           | 00000000000                             |
| 004.30       | -00000                                  |              | 00 TRCB -8+03                             |                                        |                                         |                                        | TEFF -+1048                             | HTR 000000                              |
| 00420        | 000000000000<br>00000                   |              | 00 -00320200 <b>04</b> 2<br>00 TEFF -+204 |                                        | 000000000000000000000000000000000000000 | U000000000000                          | TEFF -+304+                             | 60000000000000000000000000000000000000  |
| 00430        | - 0000000000000                         | 00000000000  | 0 -00320400043                            | 6 00000000000                          | 0000000000000                           | 00000000000                            | -003205000442                           | 000000000000                            |
| 00445        | -00000-00                               |              | 20 TEFF -+404<br>00 -00320600000          |                                        | 000000-00                               | HTR 000000                             | TFFF ~+504K                             | HTR 000000                              |
| UP740        | -00000000000000000000000000000000000000 |              | )0 -00370610030<br>)0 1FFF -+600          | 00000000000000000000000000000000000000 |                                         |                                        | RIA -K104-                              | 000000000000<br>HTR 000000              |
| 00450        | 000000000000                            | 0000000000   | 00 -00420200045                           | 6 000000000000                         | 0 -000000000000                         | 000000000000                           | -004203000462                           | 000000000000                            |
| 0.04.60      | 00000-<br>0000000000000-                |              | 00 RIA -K204<br>00 -00420400046           |                                        | 00000-<br>000000000000-0                | 00000000000000000000000000000000000000 | RIA -K3045                              | HTR 000000<br>000000000000              |
| 00400        | - 00000                                 |              | )C RIA ~K404                              |                                        |                                         | HTR 000000                             | R14 -K504=                              | HTR 000000                              |
| 00470        | -000000000000                           |              | 000000000000000000000000000000000000000   |                                        | 0 -0000000000000                        | 000000100000                           | 000000000000                            |                                         |
|              | ~00000                                  |              | )C RIA -K600<br>0500 30 50577             |                                        |                                         | HIR COUGO                              | HTP (100000                             | HTR 000000                              |
|              |                                         |              |                                           |                                        | HTR 000000                              |                                        |                                         |                                         |
|              |                                         |              |                                           |                                        |                                         |                                        |                                         |                                         |

002160001452 002100001357 000000000000 000000000000 002100001623 002100001622 002100001673 002100001670 00700 HTR 000000 002100002706 TTR 0A0086 TTR 0A000B 002100002211 TTR 0A00B9 114 0A0C+E TTH 0A00\*-U02100000765 002100000751 TIR 0A0076 TTH 0A00+. 002130000766 TTH 0A007H 0A007V 000000101035 000000 TIR 0A007R 000000101042 002100002276 002100002313 002000000756 00000000000000001 00720 GC2100002277 DAGDRO CADOC 0+007+ HIK 000021 TTR CA00C=
000000101047
HTR 00086P
0000000000000
HTR 000000
052000000022
LET 5+0008 TRA 0+007+
00000C10103C
HTR 00088H
002100002365
FTR 0A00CV
002000000752
TRA 0+007-0000G0101916 HTR 00068+ 001202003074 U00000101023 HTR 00088C 000000000000 0000000000735 HTK 000074 000000001653 000000000377 000000000000 00000200000 00730 HTR 00003+ U00000G01054 HTR 00008+ U02000400001 HTR 00200 000000000000 HTR 000UB\$ 077400400000 AXT 710-00 TSX 010-CV 002000000156 TRA 0+007+ 0 # 2 OH 1 HTH 000000 063400490754 HTK 000000 052000000207 000000000206 00750 65200000002 ZET 5+000 67600005000 BTTF 7 0000 022506001000 VDP 2F6080 -010000000000 5XA 610-7\* U60200000022 5LW 62000B 022506000777 000026 TRA 0+0-01 077100000022 5+0027 TRA 0+007+ 056000002406 AXT 710-00 000021000000 HTH 00AU01 022506001002 VDP 2E6682 054 C00000000 -0500000000764 CAL 40007L 002000000763 TRA 0+007Y 022506001001 -032000000204 00760 ARS 72000B 002000400001 TRA 0+0-01 -354000000000 -03200000244 (3800000240 -000002342000 -00001750000 -02)+0 -040000000 054100000000 -05410000000 CAL 40007L 02250600077e VDP 2E607\* VDP 2E6081 076100005037 -054100000000 01000 -000144000000 -04000000000 TNZ J00000 -064000000736 SCHB J-007\* 076100000000 NOP 7/0000 003100000033 064100000736 SCHC 6J007\* 00220000000 TRCA 0B0000 -003100000030 KCHB -14000 - 00000 KCPA 5-0000 -06-100000736 N-0000 RCHC 5J0000 0001C0000000 0001C00000000 076100000000 006000000000 01010 -060000000736 064000000736 \$10 0000000 006200000000 SCHC 0J0078 -002200000000 TRCB -80000 TCOA 0 0000 -002400603000 TRCD -D0009 \$TO 000070 \$CHA 6-0070 00620000000 00630000000 TCOC 050000 TCOC 070000 003000000064 -00300000050 7/0000 14CC 000000 00000000000 076100000211 NGP 7/0021 00000000000 01030 OHDOOL TEF8 -HGCOW 000000001400 TEFC 01000H TEFD -1000H HTR 000000 000000 HTH 000000 -052000001046 00000000000 -076000001000 01040 000000000000 -05200001046
N/I N+0080
050100C00063
STU 610001
-063400460065
SXD 010-0V HTR 000000 -076000004000 ETTD P 00-0 -014000001064 HTR 000000 00000001053 HTR 000081 05000C000201 000000 000000 077100000043 ARS 72000L 063400201243 SXA 610+#L -076000003000 EFTC P U0HO U61400000740 STI 64007--0600000000064 \$TQ 00000U 063000001250 \$TP 6H004Q 000000001054 HTH 00008\* 063C00000065 SIP 6H000V 016000002000 ETTB P 00+0 060200000065 01060 62000V TND J-008U CLA 500021 0+60000000023 077400200010 077400100001 002000001255 002000001354 052000000062 01070 063400101242 052000000032 ShA 6108+F -0500000000022 CAL N0000E ZET 5+000+ 077100090017 TRA (+00=+ C62200000003 STD 680003 O52200101011 5+0005 0+00+ 710+08 LDQ 5 000C AXT 7(0+08 062100001254 STA 6A00#\* 053500200742 LAC 5\*0+7K ~005400600000 ZET 5+0005 TRA 0+001+0 -05000000003 U04+0U02000+0 CAL N00003 PAI 0\*0000 076000000005 U0200001326 1DT 7 0005 TRA 0+00=F 002000001155 -012000001130 050000000207 01100 CLA 500027 ARS 72000+ 060100000742 -005500400000 \$10 61007K XEC 580889 076300000000 -005400000004 LLS 770000 LFT -0005 052200101047 -005500200000 XEC 580889 \*1L -0040 040000000203 060100200002 ADD 400023 01110 010000001165 RIL --00-04 002000001332 01120 056000200001 TRA 0+009+ THI J+009H LFT -=00000
-050000002405 -00540020000 -06020020000
CAL N00905 LFT -=0+00 GRS 020+00
-050000200001 -073400400000 063400401147
CAL N00901 PDX P10-00 SRA 610-9P
-000005000207 002000001163 -005500200000 LDQ 5 0+91 -005500040000 TQP 15009\* TRA 0+00=+ 01130 CAL N00+02 050200000207 007400405065 TSX 010-QV -050000200002 CAL N00+02 060000200032 01140 -032000002404 CLS 520027 -012000061130 STO 610+02 007400401452 TSX 010-1-L+00D4 ADD 400023 002000001165 002000001165 01150 04000 TMI J+009H 077400200010 TRA 0+009V -050100002403 ORA N100D3 052000000741 060000101395 077400200010 060000200037
517 60088 AT 710+08 5T 600+0+
01310000000 -050000200001 -073400400000
XCA 110000 CAL N00+01 PDX P10-00
052000200477 002000001214 200004201205
2ET 5+0+4+ TRA 0+00++ TIX +64++5
177302201216 06360020026 -052000000062 SLW 62007\* 050000000206 01170 500026 261 5+0074 01200 300000401230 600026 572 600026 05070001027 CLS 520086 -050000210000 CAL NOC+00 060100C10742 570 610079 012C00001226 fri J+00\*F 002000001176 SCA 6+0+26 060000000207 NZT N+0005 01220 5TZ 600027 007400405065 TSX 0(0-QV 056000000063 0.7400401279 TSX 010-#Y U76300000043 01230 013100000000 7 STL 0E001\* 577 600108 SXA 610-\*\*
5 0 077400277627 -050001000065 -07340040000
5 0 AXT 7106\*6 CAL N000UV PDX 930-00
5 056400000735 178 04000 PDX 930-00
5 075400200001 077101000001 073400100000
5 PXA 7\*0\*0\*0 AXS 770001 PXX 710800
6 PXA 7\*0\*0\*0 AXS 770001 PXX 710800
7 PXA 7\*0\*0\*0 AXS 770001 PXX 710800
7 TX1 \*\*\*\*\*\* SXB 910\*0\*H CAL N00000
7 TX1 \*\*\*\*\*\* SXB 910\*\*H 100\*\*H CAL N00000
7 TX1 \*\*\*\*\*\* SXB 910\*\*H 100\*\*\* SXA 610\*\*\*P
7 TX1 \*\*\*\*\*\* SXB 910\*\*\* SX 110000 \$10 61007F 044100000740 LDI 4J007~ 056000000066 LDQ 5 0000 300010201263 #CA 110000 0600000000742 \$12 60007K 214000001251 01240 AXT 7(0-(+ -052000000710 N2T %-0078 300006201075 TXH H06+B+ 061400401323 SXA 610-\*C -07600000000 LDU 5 000T -200002201075 LLS 71000L 01250 NZT N+0+0+ 177770101104 TXI •• Y894 TIX A-00\*R 002000001250 -050000200032 01260 -050000200032 CAL NU0+0+ -052000000022 N/f N+000B 0520000C0135 ZET 5+001+ 0+00++ 01270 0520000000062 ZET 5+0005 053500400207 LAC 5+0-27 0534: 201003 | Triangle 01300 01310 PCA 7-0-00 000000000001 HTR 000001 00740040076 510+83 077100000000 01320 7/0002 0020 RTH CAL NODO21 00740040 1766 75x 10-7W -0055051: 0000 15# 010-7V 077400400000 01340 -0606000001652 110000 (AL NOU+02 060200101035 0554000006202 01350 -050(00202401 -0055051 0000
511 -+0800
05210001455
514 640019
052307000207
761 5+0027
652100000207
514 640027
514 640027
517400,77627
481 76067
-053000002147
CAL 900000 51# 620mm -3500mC400001 CAL \* NJ -01 063400191415 5XA 610H\*\* 060400003471 01360 -05006x 4...
CAL • NJ -01
0535002 11445
LAC -5054\*N
-050000001445
CAL -N000\*4
L50000 J\*0710
STZ -60073
-0001412 3X4 6)0+18 -300000401412 TXL Y00-18 588 610-1= -062500101642 01370 -3000 0401412 TXL Y00-12 06340401407 5XA 630-17 17777402264 TXL \*\*\*-80 053400101415 511 64000Z 06000C1 1: 3° 517 500d8+ 51L OF 084K 0074/04 5065 15x 0('-CV 0560004-0001 61400 517 500HR+ 00740H45127C TSK 310-47 -052C0U030 6L NZT N+0C05 052C0000742 053400 - LXA 530H\*0 L, 05201000777 (340000017 - L) 0520100077 (340000017 - L) 77710000 11 - 0320000 1373 ANS 770009 ANA 1470 A, 02017 A 62017 A u1430 5+(): 7< 177777402264 1x[ •••=80 1300:1431366 1x1 + 14-W 62100:1520 0(2000) 01434 TRA +0014 -05 0614 ) 01 (A1 + 5 01 0634001(153) 01440 -05, 200000 07 N/T 4+0 27 01450 -0737 (1 000 Pank(j) 584 61 me1 T41 8 0 • ec2 200 to 1116 11500 144 (8 \*\* 1054) 146 (10 7 40 4 1156 C1510 11 1 15 ( ••

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TRA 0+00+-077400700000 4\*T /(0+00 04-10000067 00700-00000 L01 4J000X TRA 9-0000 U44100000070 -07740040000 LUI 4J000Y AXC PIO-00 07340040000 -063400401621 PAX 710-00 5LW 620-01 075400200000 010--06340(1)1534 5xn 610++) 063400101544 077400100000 4xf 7(6800 053500201546 14C 5+0++0 01530 007400401552 7440200000 PXA 7+0+00 1000Ci402263 1XI 801-61 C63400201565 5XA 610+4 077407200000 AAT /10+00 077490200000 TSX 010-0-001550000000 07740C1000C ATT 71UHOO -U500C020UOO1 CAL NOU+01 000000000000 HTR 000000 377502201560 07743U20000 AXI 710+CC 06340U4016U3 SXA 610-+3 0771C00CUCC2 ARS 720002 -077400400000
AXC P10-00
-063400401621
5XH 010-+A
046207000022
5Lh 620008 0+2000 100062201561 PAC 7\*0\*00 10(276201561 \*\*1 82\*\*\*/ LAL NOU+U. U75600200000 00A 7+0+00 PAX 710-00 -050100001621 DRA N100+A TXL •• 2+• 044100200000 Tx1 805++/ 01560 LDI 4J0+00 -075400000000 710+00 L10000001600 TZE 1000+0 U02000002125 TRA 0+COAE 040200000203 01570 -010000001661 TNZ J000-060000000206 512 600026 05020000202 517 600027 -075400000000 01610 PXD P+0000 3C0475101640 TXH H4+8+-SUB 420023 CLS 520022 073400100000 -300261101640 TXL Y2/8+-077400100000 AXT (10800 000000000001 PAX 710800 062100001637 5TA 6A00++ 007400401673 007000000000 TRA 0+0000 000005001661 NTR 000001 214525456360 15x 0(0-+, -206047255144 -112521246051 007400402365 -266726314325 -205454545454
15X 010-CV 1MX FILE TMX \*\*\*\*\*
25246445606C -203143432571 214360644531
TIX EDUA TMX ILLEG TIX AL UNI
056400060202 -05000000216 00200001675
ENE 5U0U22 CAL MODUAO TRA U+00\*\*
063000602035 U63000002011 -273400200000 214525456360 TIX ANENT -2.3161466023 TNX I/O C 003400201762 SXA 610+05 056000202131 TAX 1NX PERM -205454545454 1NX \*\*\*\*\* 063400101761 5XA 61084 -062500000073 307523426060 TXH HECK 063000002107 STP 6H00A7 -060000002153 5TQ 0000A\$ 177776401720 TXI \*\*\*-\*\* -005400000020 LFT -\*070+ -005700000077 STP 6H00+\* STP 6H00+9 PDX P10+00 062106002023 060460000077 -054000400001 LDQ 5 0+AN STQ U00CA+ -063400400710 060000000074 DEDOO. 100 STL DE000, 073400100000 PAX 710800 00440000000 PAI 0M0000 -053400402153 LXD N10-A\$ -063400101720 060000000074 \$17 600001 077100000014 AKS 72000\* 04410002152 LCI 4300A-062500001763 \$11 6600\*1 044200402155 USI 4K0-A\* -077400406133 AKC P(0-/-177777202002 TXI \*\*\*\*\*2 -063400400710 SXD U10-78 300000201741 TXH H00+\*J 060~G0002171 STI 6400AZ 06210000176 STA 6400+C STI 64000= 01720 -200006402365 06340040205-TAX 06-CV SAA 610-++ 01730 -963490402153 -005700777777 CAL %3 7-61 063600401742 5CA 6+0-+K 005500600060 01740 -00550000066 \*077400200014 SIR 0.00 RIL ~\*000\* -032000002403 050000106113 076500000011 050001001012 STA 6A00\*U
CLA 5008/\* STA 6A00\*U
060400002170 -005700770000
STI 6400AV RIL -00\*00
0717400277416 -063400001765
AXT 7106(\* SXD 0)100\*V
-060000202206 200001201775
TIX +01\*\*\* -03200002403 ANA 1+00D3 063400102000 SXA 6108+0 073400100000 PAX 710800 POC P+0-00 077100000011 ARS 720039 07740020014 740009 01750 07630000000 -012000001756 LLS 710000 FMI J+00+0 01760 063400201766 0774001000-0 SXA 6100-m AKT 7(7304 063400402031 5XA 610-+1 100000401766 5XA 610++m AXT 7(1304 01770 -300000101777 056000400000 TX1 800-•W -200001101777 AXT 7(0+0' 177777401771 012000002002 LDQ 5 0-00 200001101742 TIX +018+K 300013202026 TXH H0=++F 01800 100001202002 TX1 801++2 -U50000002406 CAL NOU0D6 02000 0/7400100000 -034000202205 -063400202012 SXD D10++ U02000002007 200012202013 -063400202154
TIX +01++= SXD 010+A+
007400402125 -050000000274
TSK U10-AE CAL NU0027
-3000004626+5 06340002000
TXL Y00-+N SXA 6100+0
077400200001 002000002013 052000000173 ZET 5+000, 036100000203 ACL 3/0023 050400002170 0/7400200016 Axt 7(0+0+ 300000002044 002000002061 0560000002153 -06000000022 LDQ 5 00A\$ 053400102000 LXA 5108+0 -050000002170 \$10 00000# 200001101741 fix +618+J -032000002402 060160002023 \$TO • 61 0+C 300000002026 STI 6400AY 177770202612 TXI \*\*\*\*\* 5XA 6100+0 002000002013 TXH H000+F CAL N000AY 044100000072 -050000000074 ANA L+00D2 010000002053 101 4J000= CAL N00001 -063+00000710 -075400000000 5XD 016078 PKD P-0000 0074-00102310 -052000000762 15X 016068 N/T N+007 053500462057 063340043000 16AC 5+0-++ OHA 4'00D7 5LW 6200AY 0602000000022 -050000000075 710+01 0+00+ TXI \*\*\*+\*
053400201762
LXA 510\*\*5
00200002066
TRA 0+00+
00200002074
TRA 0+00+ THA 0+00+=
05340C101761
LXA 5108+/
052000002707
ZET 5+0027
063400400004
SXA 610-04 10401 02050 077400471665 \$1 w 62000C 052000100062 7ff 5+000S 056400C00735 52000 F NUMBER SLH 2200F CAL NU000\* 100001402261 U60000000073 TAT 801-4/ STZ 60000, 002000002107 077400402075 1RA 0+00A7 AXT 7[0-+\* NZT N+0027 077400401055 063600402057 SCA 6+0-4-50007. 063400400004 -0500000000022 060200000074 -0500000000023 060200000075 -062500000742 300000007016 -050000000002 CAL N00008 007400407125 T5x 010-AE -060700002171 URS 07600025000 08020000074
SLW 620001
056000000023
LDW 5 0000
002000002016
TRA 0+00+
-03409000003 CAL N0000C -075400000000 PXD P+0000 000C00002133 STL 0E007K 004300000000 0A1 0L0000 -050000002124 62000 -076300000022 LGL PT0008 056000000004 -300001202121 TXL Y01+AA 062100000004 HTR 0000A. 002100002136 TTR 0A0CA+ LDQ 5 0004 002100002133 STA 6A0004 060200000003 056400000202 TTK 0A0CA+ 30000 0002172 TXH H000 SLW 62000 30000000027 TXH H0002 060000000022 \$12 600000 BITE 7 0000 L-0003 MODAU 02140 -06000000000000 00001400000C TXH H000AY -200000000000 TNX 0000 512 60000H 0000200042 418 CG200K 00000000000 H18 00000 165200001590 V80040 811 -300001000270 1XF 10000 010000000000 1XF 100000 000004 HTR 001000 006007600042 HTR 00200K -200000000000 TNX 0000C TR CA00H/ -20115400000 TNX 9+000 -2000000/0000 TXH #30021 -200000000000 TNX 00000 -200000000000 TNX 00000 -336026314325 C2150 000002000U41 200000000000 1NX 00000 TNX 0000C 254524604626 -204146226060 T1X END HE TNK 00000 X+T 00000 100104600060 -20606060606060 206051252333 -2000000000001 TNX 00001 056400000202 FNB 500022 -073400400000 TXL , FILE -050000002267 CAL 40008X -07540000000 00000000000 -2060b002 TNY 0607C0002270 SLW 6200HY 0630C0002240 STP 6H00H--050000002266 CAL 50009W 0630CJU02247 CAL NOO-00 PDX P10-00 077400400005 -052000000062 PKD P+0000 010000002231 STP 6H008● 002000002237 THA 0^^ 31P 6H00B--0520000000022 NZT NAOC 16E 1000BI 007400401673 TSX 010 STP /HOORP -0520000000142 716-05 NIT N+0005 NZT N+0005 002000002233 THA 0+00H-003000002255 HTR 0030H-000000000001 056400000735 ENP 50007\* 052000000062 /ET 5+0005 0J2001002237 THA 0+0LB+ 076000J00006 CI;M 7 0006 0U2E00002253 THA 0+00H\$ Ne OU ZK NZT N+001K NZT N+000H 050000102275 056000002275 CLA 500CP+ LDU 5 00P+ 076000C05000 05201 0060C22 FTE 7 00C0 7ET 5+0008 002001 00001 -052010000742 TRA 0+0-CT NZT N+007K 000002002273 00/400401673 TSX 010-+, HTR 000001 002000400001 ~204721646225 TRA 040-01 TRA 0+008\$ 05640 000735 000001 -206047215662 TRA 0+0-01 TNX PAUSE -307070707070 -077300000003 TXL YYYYYY RQL P+0003 200001402303 077400400000 056400000207 ENR 5U0022 002000002761 TRA 0+008/ 007400402333 060106002325 E # 50007 ENB 500022 06300000010160 060200002332 111500500000-NO.0 - 01 (0/400401673 00000000000 077400400000 063000000710 | 0232| 1 | 063-000300110 | 060200032332 | 519 | 640016 | 518 | 650006 | 52330 | 17777702260 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 | 7400 TS# (10-+, 076300000006 0011 JAC 0001100 710006 -004 6000000000 RIR

TRA 0+0-01 TRX RDc TRX PV+ TRX PV+ TRX PX- IR 000000 076000000012 060000002574 DCT 7 000+ STZ 600061 06000002601 -060000002577 02570 -076400001230 002000002573 002000002570 076000000012 0760000000005 06/10/00/02575 0601/00/02576 002000062570
TRA 0+00EY
-014000002604
FNO 100F4
002000002614
TRA 0+00F\*
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WDRDS 03020 TO 04507 ALL CONTAIN C0000000000
HTR 000000
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AXC P(08+0
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AXT 7(0Y00
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IUT 7 0005 600800 +018NE CAL N000Q5 -076000000016 050200000004 077400600000 060000000207 04530 -07600000016 MSE P 000\* 002100000210 ITR 0A0028 014000004522 IOV 1-00MB STZ 600026 -076000000000 LTM P 000 016100004523 STZ 600027 000377000377 03•03• 076000000140 620004 060000000200 \$12 600020 -076000000005 060200000010 SLW 620008 076000000012 DCT 7 000# P 0005 7 001--060000007401 STQ U000[1 077400400062 AXT 710-0S 060000400257 0560000000101 LDQ 5 0011 060000000062 077400400161 AXT 710-1/ 056000406714 LDQ 5 0-X\* 056000407562 LDQ 5 0-#5 -060000402652 STQ 000-F-200001404563 T1X +01-NT -077400400214 -060000400262 060000000105 060000000104 STO 000-25 200001404572 TIX +01-N= 056000002400 200001404572 TIX +01-4= 300000404577 TAH H00-N= -075400100000 PXII P-0800 007400204762 TSX 010+PS 063400104775 SIA 6108PP 050000200000 CLA 500+CO 077400100144 AXT 71081M 062100107733 SIA 6A0H= 05000040026 LDQ 5 0-X\* -077400400214 AXC P(0-2\* -077400400262 AXC P(0-2\* 200001204610 TIX +01+08 200001104624 056000002400 L0Q 5 0000 077400200003 AXT 7(0+03 -050000007562 CAL N000+5 -053400107564 600005 11/ 600005 AXT 7(0-05
5TQ 60002400257
5TQ 600-2 STZ 600-2\*
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0RS (20-00 TXI \*\*6-10\*
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STA 6A0\*00 TSX 0(0-T5
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AXT 7(0811\*
CAL M0000\*
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TIX 00000\*
CAL M0000\*
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TIX 010\*
TIX 01 STQ 000-F-100004404604 TXI 804-04 100020104614 TXI 80+80\* -300000104626 TXL Y0080F 063400104631 060000400260 -050000007563 000-24 CAL N000+1 -076500000040 04610 -06020040000 DRS 020-00 04620 -060000007562 STQ 0000+S -073400100000 PDX P10800 050000007564 LGR PV000-101000104630 200001104624 11X +0180D 077400100001 AXT 7(0801 063400204647 SXA 610+0P -050000103016 CAL N008H\* 067500107733 STI 6F08+ \$10 0000+\$ 04630 -063400107564 CLA 5000+U 100001104633 LXD N108+U 100001104637 TXI 8806DH 063400104635 TXI 80180.
177777204653
TXI +++13 063400104631 SXA 6108U1 -073400100000 PDX P10800 200001104644 f1x +0180M -032000007245 TXI 80180+ 007400406350 04640 -300004104616 75X 010-10 060200107732 AX1 710+00 200001104655 TIX +018()+ 052 000000032 6208 N STA 6A08\*\* STT 6E08\*\*.
002700000673 -062500000736
TRA 0+000, STL 0E007\*
1 062100000300 -050000004710
STA 6A0030 CAL N00078
-300000206270 056000004760
TXL Y00+SV 200002104661 ANA L+00=N 052000000022 2ET 5+000B -050000004713 CAL N000P-07370020002 TIX +0280/ 042000000000 HPR 4+0000 007400400240 ARS 770000 060000000736 STZ 600070 002000004711 04470 010000004703 100003 TZE 1000P3 002000000004 THA 0+0004 050000000151 CLA 50001R 007400402125 TSX 010-2-060000000022 04710 -060000000023 073700200002 PAC 700+02 053500110127 LAC 5091; 377302204735 TXH 0,2+Pe 00540077007/ RFT 00000 305111404757 TXH HR9-Pe 056000004760 LDQ 5 00P 063400105755 SXA 61088\*\* 044100100001 LDI 4J0801 -094600000000000 %1A -090000 517 60000 367651106542 TXH \*\*R8YK 060400200003 STI 640+03 TXL Y00+5Y 167652104725 TXI \*\*-8PE 04720 -062000000022 05000010000 08000001(127 5TZ 600116 073700200000 PAC 7\*0+00 007400406305 45X 0(1-75 073400400000 PAX 710-00 TSX 010-AE 17/502704733 TXI ++2+P-005100740034 0+0001 TXI ••-BPE 100214204735 TXI 87\*+P• 100002104726 076700000002 \$11 640+03 -0765000000014 1#1 J+00P\* 077100000006 TX1 8028PF 062100200000 11R 0R0101 304077404757 LGR PVOOC -0763000000006 -050000004761 060200200000 100002104726 5TA 6A0+00 -073400200000 POX P10+00 002C00200001 CAL N000P/ 100001204766 TXI 801+PW U00000000174 985 (120+00 075600400000 PCA 7+0-00 -050001 J07302 TXI 8028PF 062160004775 STA • 6A 0P• 060200000132 P10006 063400204773 -060200400000 \XA 610+P, (IRS U2U-0U 177774404773 07740020000 TXI \*-(-P, AXI 7(0+00 0600000000032 007000004703 04760 TRA 0+0+01 HTR 000011 N000.2 SLW 62001+ 000000004703 000000004764 HTR 0000P4 077400405033 AXT 7(0-Q. -00540000100 LFT -+0010 \$12 60000+ 050000200000 TRA 0+0093 HIR 002000 04-08-073700400000 PAC 7+0-00 007400106341 15x 01041J 056000005035 100 5 000\* -300006406270 TXL Y00-SY U44100100000 063400405033 5XA 610-Q. 056000005034 05010 CLA 500+00 052000100061 ZET 5+0801 002000005C22 TRA 0+0008

4 J O H O D

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T1X +QV0Q+
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TXH H0H0-8
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 00-00+
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Axt 710+07
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 0+00R7
 TIX +QV0Q+
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 TXH HO'OR (
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SXA 610+0.
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SXA 610+Q.

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CLA 5000WD

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 5 00R+
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TRA 0+00R$
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HTR 001000 TTR 0A+08+

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TSX 0108T1
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TRA 0+005/
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CLA 500-1Y
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RFT 0+0+0Y
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 PXD P+0000
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 05400
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RFT 0+00+0Y

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T1X +01-+8

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ARS 770009

062100400173

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410+00
 5.0+..
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$1L -=0-00 $11 640+00
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CLA 5000**
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STA 6A0+00 CLA 5000+*

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AXT 7(0+0H LAS L-0-,1

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LDQ 5 00-0 LGR PY000*

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TXH H0G-+9 LDQ 5 0-1Y
 CLA 500-1,
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 05440
 COURT OF SECTION 1 TRA 0+00*P TRA
 AXT 710-0H
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 TRA 0+00+R
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LAS L-0++1
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 SLW &20011
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- KOPHE
- 056400000202
- ENH - 500022
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CLA 500025
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 05630
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517 Anno
 STL 0000+6
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AXT 710-QT
 STQ 0900+7
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 05640
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 5 0-+5
060100006624
51 1 6 1
 000-25
 TRA
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355000000155
261 5+0014
 002000005660
TRA 0+06+
 05650
 007409400117
TSX 04:-1*
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 U07400401673
 000000000001
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05660 00740040566 7440005007 TRA 0+0007 -050000207744 CAL NOU++M 077400200024 AXT 710407 002000005007 063400406022 056000007732 -37740C407772 17740C200010 -060C00400000 -0500002C7743

SXA 610- B LDQ 5 00+ AXC PIC-+= AXT 710+38 STJ 300-00 CAL 40C++1 06 34 00 40 80 22 SXA 610-B 06 02 00 40 00 02 SLH 67 0-02 05 20 00 00 02 73 ZET 5+002 0774 00 20 00 24 AKC PIC-= AKT 7(0+0)4
200002205666 U60000400000
TIX +02+04 STZ 600-00
060200210021 060200210050
SLH 670ACA SLM 620A0Q
007400402333 377100000014 LDQ 5 000+ 177751405674 TXI 00R-01 077400100214 040200400001 -062000400000 20000005+09 002000005702 TRA 0+00+2 056000103476 060200210126 Stw 62041F -050100006043 060200201712 SLM 620\*\*\* 060200201712 AXT 7:0+00 200001205704 CAL NOODD6 060230210077 05710 077400200024 AXT 7(0+00 100476405723 TX1 844--C -037000002403 ANA L+0013 300200105744 TXH H208+M 060200710077 620AD+ LDQ 5 084+ 06340C406037 15x 010-C. ARS 72000\* 077409400030 -050000400170 ORA NIOS L -032006000204 SLW 620\*\*\* 640200006037 SLW 620A0+ 075400100000 073700400000 PAC 7-0-00 -050005407301 CAL NOU-,1 073720400000 PAC 7-0-00 05720 -050000400170
CAL NOD-1Y
D02000005737
TRA 0+00+
C7540040000
PXA 7+0-00
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OKA N100-4
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TXI 50--->N
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LGQ 5 00 D
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TRA 0+0-01

-204 24316242

TNX D15K LGL P10-0M 00000000604+ HTR 0000 M TXI 806- 4 -060000000273 TXL Y00-00 00740/401357 T5X 010-20 -006025000000 TCNA - E000 002000400001 TRA 00-01 77774106012 200001205713 F1# +01+++ 0040C0000000 30C000105700 007400401673 0601C TXH H008\*0 STQ 00002, 00200040001 TRA 0+0-01 060000000273 STZ 60002, -012000006033 THI J+00 . 000016000042 HTR 000001 050000006036 1LQ 0-0000 060200000023 CAL NOOO • 300164007743 SEM 620009 00000000000000 06030 HTR 00+00K 1000 52000C HIUNOL C00000000272 006060600000 -206000000000 053500200153 06060 04000000000000 060000006125 0000 STZ 077400100022 -300000206073 AXT 71000P TXL Y0C+ Y -05000002406 C60700106161 CAL N00006 SLW 6208// -050000200002 060100006124 050100006123 510 6100/C 050000006162 007400400765 YSX 010-7V 060100106160 SLW 6208// 060100006124 CLA >000/5 177771106055 300005106103 CAL N00+02 00U000000006 HIR 000006 00Z000006113 TRA 0+0U/= 00U0000000654 \$51 0008124 \$10 610070 004600006105 \$12 0-0075 \$6000000736 \$12 60007\* 000000070157 TXL YC58/3 0000C 7006135 HTR 0070/+ 0602C0000622 SLW 620008 302551214360 004007006126 TLQ 0-70/F TLQ 0-70/F CAL NOOG/8 -204725513147 BTTE 7 0000 TRA 0+U0N# HTR 008000 263143256047 -066231633146 -056260216360 PTR PTR 00036+ HTR 00001+ TNX PERIP TXH HERAL -204146226660 -206270624747 016060606060 -206060606060 06140 -206051252333 -200000010101
TNX REC. TNX 20111
06150 -200102070106 -336026314325
TNX 12716 TXL , FILE
06160 -336026314325 -20000000000 148 206051252333 TNX REC 1 -206060606060 TNX TNX REC. C60200005240 1 TNX -07740^20014U -050000006172 AXC PIO+1- CAL N000/\* 05600000560 15X 0(08), 007400106301 -07740-200140 -050000006172
AXC P1041- CAL N000707740040003C 05000C40017C
AXT 710-0H CLA 500-1Y
002003006226 063490406207
TRA 0+0u5F SXA 610-57
-05200U200043 -005400440000 SLW 6200 073400200000 PAX 710+00 00003 1 252431634651 TIX EDITOR 063400406726 SXA 610-SF 044100200000 LDI 4J0+00 -050100006246 002000005520 TRA 0+00++ 06170 -062000001126 050000407470 TSX 0106T1 007400105374 TSX 0108\$1 -005100400000 CIA 500-17 077406400000 AXT 710-00 962100006246 007400406350 TSX 010-TD G02000006231 NZT N+0+01 0.3400406226 SFA 610-SF 11L -R0-00 060200+00170 LFT -+0M00 007400406305 TRA 0+0051 077400400000 5TA 6A005U 200001406175 060200+00170 SLW 620-1Y -00460000000 PIA -01000 000000000000 HTR 000001 000000000000 HTR 000000 37A 610-SF 0 3700200000 PAC 7-7 TSX 010-15 0560004 u7301 0 3700200000 300000276212
PAC 7-00-00 TXH H00+59
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HTR 003US- TRA 0+0097
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TIX AL SYS TRA UNI DE
-145454545454 -204546602162
TRA 0+001 STA 6+001
TRA 0+001 STA 6+001
07710000001 U63000200000
ARS 720/09 STP 6+0+00 200001106232 06230 TIX +0185+ 0000000000000 PTR 000000 -202321512460 LDQ 5 080: 312745465125 06251 HTR 000000 -203143432527 06260 -223127454425 TNX SIGNMI -052000006 140 -056360442124 NT MAD 002000400001 06270 06300 NZT N+00T--032000007237 1RA 0+0-01 077100000022 06310 5XA 630+Ta 073700400000 CLA 500+00 050000400000 L+00=+ \$1P 6H0+00 0340000063+0 CAS 3-00T-U50000Z00000 CLA 500+00 -005700700000 100001406323 -032000000204 036100000111 002000000330 002000006135 06320 05000040000 CLA 500-0 07/450277456 Ax1 7(061\* -300009406347 TXL Y09-TP -377773106425 002000006330 TRA 0+00TH 062100400000 STA 6A0-00 06040040000 STI 640-00 200012206401 3/0019 1+0024 PAC 7+0-00 300000406323 TXH H00-TC 050000200000 CLA 500+00 063400136377 073700400000 PAC 7+0-00 077400473037 AXT 710PH+ 073700400000 007 C00400001 THA 0+0-01 044 L00400000 002000006332 TPA 0+0014 06340 PAC 7.0-00 073700100000 PAC 7.0800 000038 EDI 430-00 KIL -\*0YD0 -071400200000 -300000206425 1RA 0+0801 050000100163 06 3400406 176 06340013637;
SXA 6108T
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-05340010758 06350 0500t H200 CLA 500817 300014406424 TXH H07-U/ 0774001U000 AXT 71080 -07540020000 PXD P+0+C TXL \*\*, RUE 100000206364 TXL Y00+UE -07370040000 PUX P10+00 PAC 7+0800 062200006363 STU 6H00FT 040200077243 SVB 4200=L 050000100167 -075400200000 06360 67200006356 ID 680014 TXI 800+TU 073700200000 PAC 7+0+00 062100006413 STA 6ACOU= 100000 TXI 800-TX 077400400000 AXI 710-00 -30000040\_425 TXL Y00-UF 100000406367 fx1 800-fx PXU P+0+00 -03200000204 ANA L+0624 07710000017 PDC P\*0-00 044100200000 LUI 4J0+00 -073400400000 07710000002L 002000400001 06400 0+0-01 CLA 500814 STA 6A00U= 060100C06433 -077400200000 ARS 77000+ 044100200000 POX U04200006417 0767000000004 0.76.000000000 06410 AXC P10+00 17/7/4206424 TXI == (+U) 000U00U00000 HTR 00000 002000006445 780004 Stu 6100U-LOI 4.10+00 110 OKOOU . THA 0+0000 COM 510 61000 053000006433 CLA 50000 002000006375 FPA 0+001+ -034000400000 710 0K00U+ 07540000000 PXA 7+0000 063400406517 SXA 610-V+ 177776406446 200001406414 TIX +01-U\* 063400106516 SXA 6108V+ 06420 -012000007242 002000006376 060000000062 050000005240 -06250000062 PAC 7.0-00 053500607565 600005 00200166501 200001106442 TIX +01HUK 177776406446
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| 07240<br>07250                                                                | -210000007137<br>The Z00027<br>-31000007137<br>Txt Z0002*<br>0000000000000<br>HTF * 00 500<br>-207060000000<br>Trx 570                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                             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| 07240<br>07250                                                                | -210000007131<br>The 700074<br>-310000007137<br>Txt 20074<br>000060000000<br>HTF + 00 500<br>-20606000000<br>Trx 590<br>-27706746640                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                             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| 07240<br>07250<br>97269                                                       | -210000001131 Int //0007* -NOC0000131-7 Txt //0007* -00000000000 HTP *00 600 -204060000000 Txx //00 -27766746641 Txx - 57500                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                             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| 07240<br>07250<br>97269                                                       | -210000001131 Int //0007* -NOC0000131-7 Txt //0007* -00000000000 HTP *00 600 -204060000000 Txx //00 -27766746641 Txx - 57500                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                              | #0007#<br>-230000007147<br>1NK 10007#<br>-330000007137<br>IKL 10007#<br>000377000000<br>-2270623202<br>IYK 5YSLR2<br>-227062314501                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | -0002-<br>-240000007137<br>FNK U0007-<br>-34060001137<br>fXI (0001-<br>000000000000<br>HTR 000004<br>-72770-7437203<br>174X 5Y518-<br>-72770-7314507<br>TNX 5Y518-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              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| 07240<br>07250<br>97260<br>97260                                              | -21000001/137 The 70007* -31000007137 Tat 20007* 00000000000000 HTP * 00 600 -20606000000 Tex 5450 -22706740640 -227662546301 -227662546301 -227662546311 -227662546311                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -00076 -770600001137 -144 50007 -32000000133 -144 -00016 -00030100000 -31000 -27706745271 -77706746660 -77706746660 -77706746660 -77706746660 -77706746660 -77706746660 -77706746660                         | #007#<br>-23000097147<br>1NK 10007#<br>-33000007137<br>1KL 40007#<br>00037700000<br>-227767432702<br>19K 5YSLR2<br>-2277662314901<br>1NK 5YSLR1<br>-227662246303<br>19K 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| 07240<br>07250<br>97260<br>07270<br>07300                                     | -21000001137 The Z0007* -1100000137 Tal Z0007* -0000000000000 HP * 00 000 -204060000000 Tak 9/0 -271067466401 Tak 54501 -27106746311 tak 54501                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | -0007* -770600001137 118 50007* -320000001137 18L *0007* 00100100000 031000 -277062412701 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| 07240<br>07250<br>97260<br>07270<br>07300                                     | -21000001131 INT Z0007+ -11000001337 TXL Z0007+ -000060000000 HTP + 00-000 -707060000000 TYX                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | -0007* -770000091137 -194 50007* -32000009137 -184 -9907* -00030100000000000000000000000000000000                                                                                                            | #007#<br>-23000007147<br>TNK                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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| 07240<br>07250<br>97260<br>07270<br>07300                                     | -21000001137 The Z0007* -1100000137 Tal Z0007* -0000000000000 HP * 00 000 -204060000000 Tak 9/0 -271067466401 Tak 54501 -27106746311 tak 54501                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | -0007* -770600001137 118 50007* -320000001137 18L *0007* 00100100000 031000 -277062412701 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| 07240<br>07250<br>97260<br>07270<br>07310<br>07320                            | -21000001131 The 70007* -31000007137 Tat 20007* 000000000000 HTP * 00 600 -2060600000 Tex 5700 -22706740040 -22706244001 -22706244001 -22706244001 Tex 575011 -22706244001 Tex 575019 -206060000000 Tex 03000011462 FAC 30011462                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                             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| 07240<br>07250<br>97260<br>07270<br>07310<br>07310<br>07320                   | -21000001131 Thy Z0007+ -11000001337 Txt Z0007+ -000060000000 HTP + 00-000 -206060000000 Txx -900 -22706246601 Txx -575001 -22706246601 Txx -57501 -22706246601 Txx -57501 -22706266606660 Txx -00011462 Fxt -0011456 -04270611456                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                             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| 07240<br>07250<br>97260<br>07270<br>07310<br>07320                            | -21000001131 The 70007* -1100000137 Tat 20007* 000000000000 TF* 000000 TS* 0000000 TS* 00000000 TS* 00000000 TS* 000000000 TS* 000000000 TS* 000000000000000000000000000000000000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | -0007* -77060004137 144 50007* -32000009137 141 -00040 03100009 -27106243270 174 575012 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| 07240<br>07250<br>07260<br>07270<br>07310<br>07310<br>07320<br>07340<br>97340 | -21000001131 Thy 70007* -1100000137 Tal 20007* 00000000000 HF * 00 500 -20606000000 Tax 59501 -22706264630 Tax 60115 -22706264630 Tax 60115 -227062660000000 Tax 60115 -227062660000000000000000000000000000000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                              | 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| 10700                                                                                                                                                                             |                                                                                                                                                                                                                                                         | WGRES 0775                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               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                                                                                    | 064602666320<br>GJZHT 6                                                                                                                                                                         |
| 10710                                                                                                                                                                             | 00000000000000000000000000000000000000                                                                                                                                                                                                                  | MCRES 0775<br>000000000000<br>HTH 02000<br>061465370246<br>6*V*20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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| 10710                                                                                                                                                                             | 000000000000<br>HTR                                                                                                                                                                                                                                     | WCRES 0775 000000000000000 HTH 070000 061465370246 6*V*20 04377303667 4*,3W*                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             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                                                                                    | 064602666320<br>GJZ#T+<br>047474723/15                                                                                                                                                          |
| 10710                                                                                                                                                                             | 000000000000<br>HTR 900000<br>031011267243<br>389f 8L<br>014571074040<br>1477                                                                                                                                                                           | WCRES 0775 0000000000000 MTH 070000 061465370246 6*0*20 04377303657 4*33% 076637304365                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   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| 10710                                                                                                                                                                             | 000c00000c00 HTR                                                                                                                                                                                                                                        | WGRLS 0775 000000000000000 hTH 070000 061465370246 6*V=20 043773036657 4*,3%* 076637304365 2#*HLV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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| 10710<br>10720<br>10730                                                                                                                                                           | 00000000000000000000000000000000000000                                                                                                                                                                                                                  | WGRES 0775 0000000000000 HTH 070000 061465370246 6*V*20 04377303657 4*,3%* 076637304365 2#*HLV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           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                                                                                    | 064602666320<br>GUZHI<br>047474723-15<br>4(1="-<br>032403477-5",<br>303PFI<br>014651264556<br>10RFNe<br>014631463146<br>101010                                                                  |
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| 10710<br>10720<br>10730<br>10740<br>(0750                                                                                                                                         | 00000000000000000000000000000000000000                                                                                                                                                                                                                  | WGRES 0775 0000000000000000000147# 0702000 061465370246 619-20 04377303655 24-814 011524220445 1-8849 0012172770243 01-6724 00000004133 nTm 000615                                                                                                                                                                                                                                                                                                                                                                                                                                       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| 10710<br>10720<br>10730<br>10740                                                                                                                                                  | 000.0000000000000000000000000000000000                                                                                                                                                                                                                  | WGRES 0775 000000000000000001HT# 000000 061465370246 6*920 043773036657 4*,3%* 0766173043657 24*HLV 01152420445 1-684% 001217270243 000000041433 HTM 0004**                                                                                                                                                                                                                                                                                                                                                                                                                              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                                                                                    | 064602666320 CJ2410 04747473 15 4(110) 032403477233 303PFI 014531264556 108FN0 014631463146 1010710 000000517426 HTR 00001F 00000000021 HTR 00000A                                              |
| 10710<br>10720<br>10730<br>10740<br>(0750                                                                                                                                         | 00000000000000000000000000000000000000                                                                                                                                                                                                                  | WGRES 0775 0000000000000000000000000000000000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            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                                                                                    | 064602666320 CJZ41 0474773715 4(15") 0324034772373 33PFI 014651264556 10RFN 014631463146 101010 00000517426 HTR 000RIF 00000000000071 HTR 00000A                                                |
| 10710<br>10720<br>10730<br>10740<br>10750<br>11600                                                                                                                                | 000L0U000L00 HTR 900000 031C11267243 389781 01457107404C 11477 000C00000000 HTR 000000 00CC000U0L001 HTR 000000 146314631463 1X1 177717 26107064560 TIX F8WHL 00034113411*                                                                              | WGRES 0775 0000000000000000000000000000000000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 034013536713<br>CAS 3-*\$X=<br>017127313047<br>12GIMP<br>00/555702477<br>000000000000000<br>HTR 000000<br>000000000000HTR 00000<br>### 00000<br>### 00000<br>### 00000<br>### 00000<br>### 00000<br>### 00000<br>### 00000<br>### 00000<br>### 00000<br>0041000046377<br>### 000*####                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 064602666320                                                                                                                                                                                    |
| 10710<br>10720<br>10730<br>10740<br>10750<br>11660<br>11000                                                                                                                       | 000L00000L00 HTR                                                                                                                                                                                                                                        | WGRES 0775 000000000000 HT# 00000 001465370246 6*920 043773036657 4*33** 0266173043657 248HLV 01152420445 1-1684N 001217270243 HT# 00061 000000041433 HT# 00061 HT# 00001 10000000000 HT# 000000 377444712313 TRM +9-6*                                                                                                                                                                                                                                                                                                                                                                  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| 10710<br>10720<br>10730<br>10740<br>(0750<br>./460<br>10770<br>11000<br>11010                                                                                                     | 000.0000000000000000000000000000000000                                                                                                                                                                                                                  | WGRES 0775 00000000000000000 HTW 000000 061465370246 6'V*20 04377303657 2***HLV 01152422045 1***B4N 001217770243 0***G2L 000000041433 HTW 00001 0000000000000000 HTW 000000 377454712313                                                                                                                                                                                                                                                                                                                                                                                                 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| 10710<br>10720<br>10730<br>10740<br>10750<br>11660<br>11000                                                                                                                       | 000L0U000L00 HTR 900000 031C11267243 389781 01457107404C 1177- 000C00000000 HTR 000000 HTR 000000 146314631463 1X1 17717 261070464560 TIX F8WH 0001341134113 0000001341134113 HTP 000119 14777067574 TXH ) 97X2                                         | WGRES 0775 0000000000000000000000000000000000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            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| 10710<br>10720<br>10730<br>10740<br>(0750<br>./460<br>10770<br>11000<br>11010                                                                                                     | 000L00000L00 HTR                                                                                                                                                                                                                                        | WGRES 0775 000000000000 HT# 070000 001465370246 6*9*20 04377303657 248HLV 01152420445 548HLV 001217270243 0*6721 000000041433 HT# 00061 00000000001 HT# 000001 377454773313 TXH 6*6*C 3466237713116 1XH 10276 312417031702 TXH 1033702                                                                                                                                                                                                                                                                                                                                                   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| 10710<br>10720<br>10730<br>10740<br>.0750<br>./ 46C<br>10770<br>11000<br>11010<br>11020                                                                                           | 00000000000000000000000000000000000000                                                                                                                                                                                                                  | WGRES 0775 00000000000000000 HTW 000000 061465370246 6*V*20 04377303657 1*** 076647304365 1*** 001517770243 0*** 001517770243 HTW 00001 0000000000000000 HTW 000000 1774547473313 IXM = 6*** 184623713116 IXM 10671* 112417031702                                                                                                                                                                                                                                                                                                                                                        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| 10710<br>10720<br>10730<br>10740<br>.0750<br>./ 460<br>10770<br>11000<br>11010<br>11020<br>11030                                                                                  | 000L00000000 HTR 900000 031C11262743 389781 01457107404C 1V77 000C00000000 HTR 000000 00CC00000000 146314631463 1X1 177171 261070604560 TIX F8WH 00034113411* 031-J* 00000013414 HTP 00011* 347770675742 1XH 1*8025 28270576512 114 F66*9* 230461137006 | WGRES 0775 0000000000000000000000000000000000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            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| 10710<br>10720<br>10730<br>10740<br>10750<br>11000<br>11010<br>11020<br>11030<br>11040<br>11050                                                                                   | 000L00000000 HTR                                                                                                                                                                                                                                        | WGRES 0775 0000000000000000000000000000000000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            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11*8 L98 00000163225 HTR 0000*8 35612733311 7XH ***L9 324410545213 7XH #M8 271543212741 TIX G**LAG 236734654500 TIX CXIVMO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               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| 10710<br>10720<br>10730<br>10740<br>.0750<br>./ 460<br>10770<br>11000<br>11010<br>11020<br>11030                                                                                  | 00000000000000000000000000000000000000                                                                                                                                                                                                                  | WGRES 0775 0000000000000000001HT# 000000000000000000000000000000000000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   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| 10710<br>10720<br>10730<br>10740<br>10750<br>11000<br>11010<br>11020<br>11030<br>11040<br>11050                                                                                   | 000L00000000 HTR                                                                                                                                                                                                                                        | WGRES 0775 000000000000000001467 0200000000000000000000000000000000000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   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| 10710<br>10720<br>10730<br>10740<br>.0750<br>.7460<br>10770<br>11000<br>11010<br>11020<br>11030<br>11040<br>11050<br>11060                                                        | 000L00000000 HTR                                                                                                                                                                                                                                        | WGRES 0775 0000000000000000001#F 0700000 0614637024h 6*9=20 04377303657 4*33#* 026617304365 2##HLV 011524220445 0*9672 000000041433 HTR 0004* 000000000014433 HTR 00000 HTR 000001 HTR 000001 HTR 000000 3774557123113 TKH 10475 12417031702 TKH 1059=2 275753810410 TLK #PUB00 17250753412* TKL #PUB00 17250753412* TKL #PUB00 17250753412* TKL #PUB00 TKL #PUB | 50 FG 10677  00200000000000000 HTW 000000 205122(16517  27DAV* 013450143003 144'07 00000000000000000000 0000000000000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ALL CONTAIN ( 00000000000000000018TR 0000000 055757132075 5*****  046625515677 4668** 023514235136 2**CR* 000420163521 TCUP 001***A 00011422335 001000000000000000000000000000000000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 00000000000000000000000000000000000000                                                                                                             | 0 677434440" 6 6 M - 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| 10710<br>10720<br>10730<br>10740<br>.0750<br>.7460<br>10770<br>11000<br>11010<br>11020<br>11030<br>11040<br>11050<br>11069<br>11070<br>11100                                      | 000.0000000000000000000000000000000000                                                                                                                                                                                                                  | WGRES 0775 0000000000000000000000000000000000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            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                                                                                                                                                                                                                                           | 034013536713 CAS 3-*8x* 017127313047 CAS 3-*8x* 017127313047 CAS 702477 CAS 70247 CAS 7024                                                                                                                                                                                                                                                                                                                                                                 | 064-602-666-320                                                                                                                                                                                 |
| 10710<br>10720<br>10730<br>10740<br>.0750<br>.7 46C<br>10770<br>11000<br>11010<br>11020<br>11030<br>11040<br>11050<br>11070<br>11110<br>11110                                     | 00000000000000000000000000000000000000                                                                                                                                                                                                                  | WGRES 0775 0000000000000000000000000000000000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            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| 10710<br>10720<br>10730<br>10740<br>.0750<br>./ 366<br>10770<br>11000<br>11010<br>11020<br>11030<br>11040<br>11050<br>11070<br>11110<br>11110                                     | 00000000000000000000000000000000000000                                                                                                                                                                                                                  | WGRES 0775 0000000000000000000000000000000000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            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| 10710<br>10720<br>10730<br>10740<br>.0750<br>.7 46C<br>10770<br>11000<br>11010<br>11020<br>11030<br>11040<br>11050<br>11070<br>11110<br>11110                                     | 000.000000000 HTR                                                                                                                                                                                                                                       | WGRES 0775 0000000000000000000000000000000000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 50 FG 10677  0050000000000000000000000000000000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | ALL CONTAIN ( 00000000000000000 HTR 000000 055757132075 5*****  04662513677 4668** 023514235136 0006420163521 TCOP 00*** 000000000000000 HTR 000000 HTR 000000 000000000000 HTR 000000 000000000000 HTR 000000  HTR 000000 HTR 000000 HTR 0000000 0000000000000000000000000000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 00000000000000000000000000000000000000                                                                                                             | 0 677434440° 6 6 1 M - 4 0 5614110061 5 F 900' 0 33504411377 3 - 44 = 8 0 20411600745 V.M 24947N 002635437347 RCF • 0 FTL, P 0000064337347 RCF • 0 GTL, P 000000000000 HR 0000000000 HR 0000000000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 034013536713 CAS 3-**X** 017127313047 227313047 027565702477 00000000000000 0170 00000000000000000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 064602666320                                                                                                                                                                                    |
| 10710<br>10720<br>10730<br>10740<br>10750<br>11000<br>11010<br>11020<br>11030<br>11040<br>11050<br>11070<br>11110<br>11110<br>11110<br>11110                                      | 000.0000000000000000000000000000000000                                                                                                                                                                                                                  | WGRES 0775 0000000000000000000000000000000000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            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| 10710<br>10720<br>10730<br>10740<br>.0750<br>.7460<br>11000<br>11010<br>11020<br>11030<br>11040<br>11050<br>11070<br>11100<br>11110<br>11110<br>11110<br>11110                    | 000L00000000 HTR                                                                                                                                                                                                                                        | WGRES 0775 0000000000000000000000000000000000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            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| 10710<br>10720<br>10730<br>10740<br>.0750<br>.7460<br>10770<br>11000<br>11010<br>11020<br>11030<br>11040<br>11050<br>11070<br>11110<br>11110<br>11110<br>11110<br>11110           | 000L00000L00 HTR                                                                                                                                                                                                                                        | WGRES 0775 0000000000000000000000000000000000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            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-S-1-9 00460266370 TXH -S-1-9 00460266370 014631465146 1010110 01161216721652275 TXH ATA RE 255146600R0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  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| 10710<br>10720<br>10730<br>10740<br>(0750<br>(1660<br>11010<br>11020<br>11030<br>11040<br>11050<br>11060<br>11070<br>(11100<br>11110<br>11110<br>11110<br>11150<br>11150<br>11150 | 000L00000000 HTR                                                                                                                                                                                                                                        | WGRES 0775 0000000000000000000000000000000000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            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| 10710<br>10720<br>10730<br>10740<br>.0750<br>.7460<br>10770<br>11000<br>11010<br>11050<br>11060<br>11070<br>11110<br>11110<br>11110<br>11110<br>11150<br>11160<br>11170<br>11170  | 000L00000L00 HTR                                                                                                                                                                                                                                        | WGRES 0775 0000000000000000 HTW 0700000 001465370246 6*920 04377303657 4*,3M* 07663730455 248HLV 011524220445 00-621 00000000141433 HTW 00000 HTW 000000001 HTW 0000000001 HTW 0000000001 HTW 0000000001 HTW 00000000001 HTW 00000000001 HTW 00000000001 HTW 00000000001 HTW 00000000001 HTW 00000000001 HTW 100000000001 HTW 100000000001 HTW 10000000001 HTW 1000000001 HTW 1000000001 HTW 1000000001 HTW 1000000000000000000000000000000000000                                                                                                                                        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| 10710<br>10720<br>10730<br>10740<br>.0750<br>.7460<br>10770<br>11000<br>11010<br>11050<br>11060<br>11070<br>11110<br>11110<br>11110<br>11110<br>11150<br>11160<br>11170<br>11170  | 000L00000L00 HTR                                                                                                                                                                                                                                        | WGRES 0775 0000000000000000 HTW 0700000 001465370246 6*920 04377303657 4*,3M* 07663730455 248HLV 011524220445 00-621 00000000141433 HTW 00000 HTW 000000001 HTW 0000000001 HTW 0000000001 HTW 0000000001 HTW 00000000001 HTW 00000000001 HTW 00000000001 HTW 00000000001 HTW 00000000001 HTW 00000000001 HTW 100000000001 HTW 100000000001 HTW 10000000001 HTW 1000000001 HTW 1000000001 HTW 1000000001 HTW 1000000000000000000000000000000000000                                                                                                                                        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007400211672 0C2000011725 -200001411756 11740 TRA 0+01+E 177777211752 TX1 \*\*\*A\*-SXA 6109+1 -200001411760 TNX 01J+ SXA 610J+4 177777211755 TXI +++A++ 5:0Jer 002000011732 TRA 0+01++ -060060012072 STQ • 00 1+= 002000011745 060160312072 \$10 + 61 1+= 007400211672 002000011752 TRA 0+01--063400402652 SXA 610-F-063400211727 060100012172 007400211672 STO 6101A= TSX 0(0A+ 077400452133 044100011 3 AXT 7(0YA. DI 450.4, 063400211767 -052000:12162 050000012172 CLA 5001A= 060400011773 STI 6401=+ 077400200000 053400211725 LXA 5104+E 002000400001 053400411726 LXA 510JeF 000310000001 11760 100000011774 077400277472 Tx1 8001-1 063400412172 036001 5XA 610JA\* 077400200000 002000012016 063400211747 12000 07740020000 AXT 7(0+00 063409211750 SXA 610A=Q 002000012031 TRA 0+01+1 077400451755 AXT 7(0N== -063400412166 TRA 0+01++ 077400212072 STZ 6001AS 063400211730 SXA 610A+7, 063400211753 SXA 610A+5 063400211752 5XA 610A+-077400200000 AXT 710A+= 044160012072 SXA 610A+8 C02000012020 TRA 0+01++ 0070J0400001 SXA 610A+H U05400077777 077400211603 12020 007400211575 060000012161 LUI • 4J 1+\* RFT 0•07\*\*
100000C12036 07740C200000
TKI 8001+• ANT 7(0+00
05350G411725 -300002412063 517 6001A/ 063400402652 06340C2116U2 SXA 610A+2 002000011767 06340041217 12030 1RA 04-01 SXA 610-F177777412046 -07540040000

IXI \*\*\*J+0 PXD P\*0-00
.307400211575 07740020001
ISX 910A\*\* AXI 710+01
050060000000
CLA \* 50 000 LDQ \* 5 000
012172000401 000000012121 TRA 0+01+X SXA 610JA= 060100012153 06 3400412034 12040 -063400412166 SXU 010JAH 06016001207? STU = 61 1+= 002090012044 LAC 5+0J+E 07740020000n AXT 712+00 TXL Y02J+T U5U0U0012167 CLA 5001AX 077400400003 61044 063400412167 05340041167 5XA 610m-060160000000 177 + 61 000 5XA 63UJAX -063400212166 002000012033 077400200000 12060 TRA 0+01+. 000000276074 HTR 000G ( AXT 710-03 007400405646 TSX 010-00 000006012113 TRA 0+01+M 100001612077 OLOAA 0600600000000 00000000000 12070 TXI B011++
004730706231 232143605125
0PHYSI TIX CAL RE
-226260474651 -233146456046
TNX SS PON INK TIUN 0
003145632551 -052143604521
TEFC UINTER 5TQ • 00 000 12100 -206060606060 TRA 0+01#F 317125602567 HTR 0001AA TRA 0+01=6
23+651246062 317125602567
TIX CORD 5 IXH JZE EX
266051272346 -112460314560
TIX F RECO RD 1N
222543606666 -112460234666 0000000000046 HTR 0061A= 004751462325 OPROCE -206231712560 276426762551 232525246260 TIX CFEDS 226426262551 114 BUFFER 000: 00000047 000012012124 000004017136 12120 003145632551 -052143604321 22254360666 -112460234664 TEFC UINTER NAL LA TIX BEL WO RD COU OCTO TO THE COUNTY OF TH BUFFER 0041A0 314623626066 TXH 1UCS H 0000(6012145 12130 -056360244625 -226345466360 -042163233060 NT DUE 1NX 5 NOT MATCH 12140 -065124605125 21,460.66060 0000000000000 000006012153 HTM 006148 -20712514662 THX ZERUS 056000012165 LDO 5014V 263146226060 TIX F10H 060100012341 HTR 000000 254527633060 TIX FNGTH HTR 0061AN 006263465125 1CUC+ 0510RF -075400000000 71 AU 23 1651246047 FLA CURU L ### CURU L 1NX I', RE 00000000 1020 12160 -203163254462 000000000000 00000000000 000310000001 HTR 000000 -1000000000000 5TR 000000 062200012544 HTR 00 3000 0634 004 1 7251 000000 PXI P+0000 000000051755 HTR 0005\*\* 050000400004 263146226060 TIX FIDR 060100012360 12170 000000075470 06340041267 050000400003 HIR 0007.4 062100012543 5XA 6'0JBR 0604000 2542 12200 053400402652 050060400003 STU 6101CJ ST1 / 01FK 042100012357 -0520000.2544 STA 6801C+ NZT N+01EH 077100000026 0734004 00000 0520000 2544 00000012231 NZT N+01EH THA 0+0181 0734004 00000 -063400412360 PAX 10-00 SXD 01016 500~04 61010 CLA \* 50 -03 062100012352 STU 6101C 062100012337 STA 6A01C+ 050000400601 CLA 500-01 062100012364 5TA 6401CU 062100012222 062100012370 STA 6A01CY -053500403050 062100012546 STA 6A01C-177777412230 6401BB LDC CLA 77000F

000000000060

050200400007 CLA 500-07 002000012560 TRA 0+01E 044100012542 073400400000 -063400412237 0>0066012546 073700400000
PAX 710-00 5XU U1038- LLA = 50 1ED PAC 7=0-00
U52000012544 002000012254 U53400412>35 -300000412254 12230 -063400412547 053500400107 SXD D10JEP LAC 5+0-17 100306412740 TXI 836JB-077400412535 SXD D10JEP 300000412254 LAC 5+0-17 052000012543 12240 TXH H00J8 • 063400412356 ZET 5+01EM 002000400001 ZET 5+01EL 077400464103 100001412260 LUI 4J01EK 963400412263 5XA //OJRT 06000/J012552 61010 71 00 13 0+0-61 TXI 801J8 044100003045 TPA 0+0-61 044100003046 LDI 4J0040 060000012551 12240 063400412267 107001412262 SXA 61038X TXI 801385 12270 -052500012552 -005400003000 1FT -=00H0 002000012310 \$12 6001E-052000012551 2ET 5+01FR 077400412372 STZ 6001ER 007400412362 TSX 0(0JCS 052000012550 DEOLE-12300 052000012552 ZET 5+01E-12310 -052000012551 002000012311 TRA 0+0109 052000012550 TRA 0+01C# 007400412366 AXT 7(0JC= 002000012326 TRA 0+0155 15X 010300 052000012552 15T 5+01E-AXT 7(0JEV 007400412366 TSX 0(UJCH SXA 610JC-U02000012251 FRA 0+018R N2T N+01ER 002000012553 ZET 5+01EQ -052000012551 052000012551 D+OLES ZET 007400404467 TSA 010-MX 12330 044160012267 -005500001000 -005700002000 012422003110 \$1L -+0080 000000011702 HTR 0001+2 007400404471 108018 4J IBX TSA 010-MX 077400464067 -052000012544 -052000012544 -081 N+016H -0800000003044 AXT 7100-X 007400412535 TSX 010JF= 12350 052200012335 007400404463 -100000003110 002000012346
TSX 0.C-MT STR 00001b TRA 0+01C0
052000012544 077400400051 06:400412453
ZET 5+01EM AXT 7(0-0R SXA 610JDS
012625020242 000000012453 002000012336 XEC 5801C+ U00004311202 TSX 010-M2 002000012346 HTR 0000nM 052200012335 10+016 052200012335 007400404465 15x 0(0-MV 060100012463 XEC 5801C+ 007400412442 TRA 0+01CD U02000012346 XEC 5801C+ 0041+2 12370 -100000003110 STR Q00018 12400 -060000312464 TRA 0+01CU 007400405646 AXT 7(0-0K TSX 0(0JDK 077400400043 052000012544 TRA 0+01C+ 007400405646 TXI 801105 007400412442 TSX 0(0JDK 007400412442 AXT 710-0L 10G001012421 TX1 8011DA 1FE02K 000100 010-00 HTR 000105 ZET 5+01EM 012625000253 1FE02K HTR 000105
060100012500 -060000012501
5T0 6101E0 5T0 0001E1
060100012520 -060000012521
5T0 6101E 5T0 0001E4
060100012532 -060000012533
5T0 6101E TTG (1001F053500412364 -0500000400012 063400412470 5XA 610JDY 002000012336 077400400052 AXT 7(0-0-000000012470 12410 U07400405646 TSX 010-+0 U07400405646 TSX 010-+0 007400405646 TSX 010-+0 077100000014 ARS 7ZU007 100001012431 TXI 801101 012625000260 12420 HTR 00010Y TSX 010JDK 007400412442 TSX 010JDK 063400412451 0+0164 1FE02 012625000265 100001012441 TXI 80110J 056000012534 002000004073 TRA 0+00-, 002000004073 TRA 0+00-, 077400400000 AXT 710-00 000000012522 053500412364 -050000400012
LAC 5\*0JCU CAL N00-0\*
000000000000
HTR 000000 HTR 00710\*
-206060606000 -206060606060
TN7 TNX
004725514421 -052545636651
09ERMA
246064622524 -202162605125
TIX D USEC TNX AS KE
002545244046 264022642646
0END-0 TIX F-HUFF HTR 0001EB 050000+00011 CLA 500-09 ARS 77000' L0Q 5 01E)
000003012465 002545246946
HTR 0031DV QEND 0
005125212460 -052567636026 SXA 610JDR 002000400001 5 DIEL LGR PV0.00H 266026314325 TIX F FILE 314325606060 12450 12460 -205125212431 -052760606060 206060606060 -208080908060 TNX -000006012502 TNX READ! NG 000007012473 237060606060 TIX CY -206331442560 12470 HTR U061E2 005125234651 11R ORECOR 000007012616 12500 -206060606060 206060606060 314527606060 12510 000000000053 000007012513 0END-0 000007012525 HTR 0071EE -2060606060606 TXH ING 255160256731 HTR 00000\$ 4TR 0071E= 20665060606C 0071F+ F-HUFF U02545244046 264022642626 TIX F-BUFF 100001012541 000007012616 HTH 0071F+ -20606060606060 000000000054 014156000013 J07400406301 314527606060 206060606060 12530 -236066513163 TXH ING 002000012346 TNX TSX 0{0-T1 0000000000000 HTR 000000 AXT 7{X000 100001012557 J12625000336 8011FJ TNX T MRIT 12540 000000012360 000000100000 000000000000 000000003.10 000377000000 03+000 002000604073 00010 TRA 0+01CU 000000012276 HTR 000800 HTR 000000 007400405646 HTr 000018 000000012570 000000000000 HIP 000000 007400405646 HTR 00018+ HTH U00000 TSX 010-40 000000012603 TX1 80116. 002000004673 TRA 0.00-. 1FE03+ 007400405642 0001FY 100000012570 12560 TRA 0.400-, TSX 0(0-4K TXT B001FY 1FE03K
-205125506425 -22636046.560 -244531636024 252631452524
TXX REQUE TXX ST UN TXX UNIT D TIX EFINED
003010/012696 000007012616 005125212460 -112550642564
HTM 0081F6 4TR 0071F\* 11R 0READ REQUES 8011EU 0001F3 006651316325 TCUG OWRITE 000000000070 12570 000010012573 HTR 0081E, -223145016031 000007012616 HTR 0071F+ -034325272143 000000000066 HTR 00000 h 12600 -20216260627C 0000000...
HTR 07000Y ...
216260627062 -0^664010...
TIX AS SYS ...
-114431452163 257433606 60
RMINAT TIX ET.
063400113535 06340 213534
A109++ SXA A10A+1
062207113100
A80110 -23143016031 TNX SIN1 T -053163602425 NIT DE 256725236463 HTW 008166 4TR 007164 11R 0READ REQUES -066401603143 -032527214360 00654604647 -2331.6452143 001 1L EGAL 0NO 0P THW TIONAL 252433606 60 00000064103 263146626060 263146626060 LLEGAL LL FGAL 263145252460 TIX FINED 314645606325 TXH TON TE 063409+ 2652 5XA 610-F-T ON U 12620 -207567316340 -11431452105 257433506 60
RMINAT TIX FC.
063400113535 U6340 213534
5XA 610940 SXA 510A+1
062100012704 U62207.013100
5TA 640164 5TD 680110
062200013465 U6220.0013366 11X EXECUT 063400413667 TNX EXIT-0000000000004 350000400004 1A 500-04 062200012666 STD 6601FW 062200013541 12630 000004 6101ex 050006400003 CLA 500-03 5XA 610J+X 062500013610 5TT 6F01+P 062200013416 5TD 680110 062201013362 5TD 6801.5 062200013543 12650 0622-510 68017-077400113145 AXT 7(091N STD 6801+L 077400213125 \$10 AB01)X \$10 6B01G3 0000G3013126 007400213614 HTR 00011F TSX 0(0A+\* 052000013610 100001412700 680111 SID 68011N 680119 | STD | 6801-5 | STD | 680119 | STD | 680163 | O13667000125 | /13702013207 | O000050013126 | O07400213614 | 127147 | HTR | O0011F | TSX | O10848 | 100002012667 TXT 8021FX 060000013572 007400406643 TSX C10-HL 060000013607 AXT 71091N 062200013066 710A15 050000012723 \$17 6001. 517 6001+7 062100012705 STA 6A01G5 -076300070006 962100013576 STA #A01\*\* 0/3400400000 002000012765 TRA 0+0105 052200413023 2700 050000400004 CLA 500-04 12710 -075400000000 XEC 580umi 002000013126 TRA 0+0116 341027 34010401377 580JBB ADM -1014 0013126 00200013125 04314 TPA 04014 0013356 02000013125 04314 TRA 040114 1 GL PT0006 2000( -112/10 PAK 710-00 1///77212706 Tx1 \*\*\*AG6 UC2000013126 4101\*\* 092000013023 P10006 .02560013176 ACL 3/01\*= 002000013056 060200013572 TRA G+J1: 002000013456 THA J+J1.# 002000013126 005000313159 2FM 9501 == 002000013126 002000013125
10013427
00013427
00013126
00013126
10013126
10013126
001117
10013126
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0013126 12730 TRA 0+0117 002000012721 TRA 0+016A 002000013426 TRA 0+011F TRA 0+U11F 00200(01312) CO, COCC13126
TRA 0+011F
002000013126 0276C013127 134 6+017F 007 30313175 784 0+011F 002 000013126 002000013126 002000013072 12740 0+014-0+00005104-002000013467 002000313126 002000 TRA 0+01H+ 002000013126 TPA 0+11IF 002000013126 FRA (+01IF 1RA 0+011r 002000013126 TRA 0+011F
00270013103
TRA 0+0113 TRA 0+011F 002000013106 TPA 0+0116 002000013442 TRA 0+011F 002000313126 TRA 0+011X 12760 TRA 0+01+2 0C2000013126 0+0113 TRA 0+ /1++ 0+ /1++ 002000(13243 TRA 0+01+L 002000(13126 002000013126 TRA 0+011# C02 00013431 12770 TRA 0+(1)1 00\*( 13125 18A 0+511F TRA (\*(11F 002(00013126 LAA TRA 13000 062006313126 TRA 3+J139 076500000003 1GR P40003 17650000003 v+011F -0755000000003 \$075500000003 EGK PV ) ( 3 - 5534) (4135) 5 LGR PV0003 -076500060003 0+011+ 13020 -0765000000003 54A 3103\*\*

.50 (col 573 060120013605
15 50 (c) 573 053400413572

.00 1\*\* (cd 510)\*\*

.00 740041317 11 YCZJHL 060100013603 13030 363400413604 053400413154 1 XA 510116 06340 741310 510104 944 9100= 1 96440141414 944 6100= 1 SXA 063400410513 -077+00413117 13050

663400410441 002000013531 050000012723 610AIE Y00J5= 0+01-1 CLA 5001GC 002000013123 002000613540 050000013572 060100011502 13070 062200013066 CLA 500107 TRA 0+0110 060100013572 007400413057 07740040000 002000013102 13100 CLS 5201e= 177777413114 TXI e==JI' 060000013572 STZ 6001e= 0+0112 TXI STU 61Ci --0+01GA TSX O(OJH+ AXT 710-00 053400413605 LXA 510J+5 077400100030 06;400413605 SXA 610J+5 002000012721 0614004.1115 13110 200001413155 300002413162 077400400001 200001413142 TXH H02JIS 077400274461 SXA (10J[\* 060100(13650 STO 610 \*9 T1X +01J1+ 056000013574 ART 7(0-01 007400213611 THX 01JIK 050060013576 13120 5 01 • ( AXI - 71 GB OH AXT 710647 0+01GA t s x 010A=9 CLA . 50 1.0 063400413134 5KA 610J11 002000013142 007400413626 TSX 010J+F 050000012723 060200013645 SLH 6201+N 062700006571 100001013141 FXI #0111J 062200006571 050000013576 007400405646 013667000+15 13130 TSX 010-+U 050000013121 000000013640 062200013066 13140 0+011K 500160 STO 680CWZ 0+01-1 STD 6800WZ STD 6801HM 063400413665 SXA 610Je5 177177413164 U//400400U00 AXI 710-00 063400413107 SXA 610J17 077400400001 063400413115 007400213540 077400100044 13150 SXA 610JI+ 053400413605 203400413605 002000013123 017100000022 13160 056000013573 050000013604 062100013156 CLA 5001+4 077109090022 510J+5 SXA 5001 04 STA 6AOLI: ARS -053400413605 LXD N:0J+5 002000013210 062100013157 05000001 3603 060100013573 050000013602 06210001315-062100013151 CLA 5001+3 STO 6101+1 002000013115 -050000013207 CLA 5001+2 STA 6A011+ 060200012713 -075400000000 ARS 720008 060100011504 STA 6A011R 002000012721 063400413107 13200 THA 0+411+ 040200013570 SLW 62016# -050000013215 STO 6101+4 052200+13022 XEC 580JHB P X f. TRA 010000012721 060200012713 002000013217 XEC 580JHB U73400400000 4201 eY CAL N001+\* 6201G-040100011504 036100011504 -300021413205 077400400021 13220 --076500000000 040100011504 -076300000003 ADM 4101+4 002000013205 LGL PT0003 002000013242 ADM 4101+4 050000012723 ACL 3/01+4 G62200007105 PAX 710-00 077400406703 053400413572 LXA 510Je= 075400400000 06340040667 SXA 610-W 18A 0+01+K 110366413236 TX1 93WJ+# 0+01+K STD TRA 0+01+5 CLA 5001GC 680025 AXT 710-X3 610-W( 002000013123 TRA 0+011C 056000011501 LDQ 5 01+1 053400413572 LXA 510J+= 0771000000000 13240 063400410502 002000013310 063400213172 -050000200000 SXA 13250 053400206700 200006113265 063400113253 200001213262 053400206701 177777213257 056060011447 ARS 7/0000 -200001+13273 TNX 01J++ TIX +01A+5 200006113254 LXA 510+X1 053400113122 TNX 069+V 077400206006 6109+5 LDG . 5 060200100000 063400206701 -076300000006 177777113270 13260 PT0006 710+06 LGL PT0006 002000013254 TIX 51091B SLW 620800 063400113121 053400213122 -060000011501 LXA 510AIB STQ 0001+1 063400113305 -076300000000 077400100044 053400206700 -300006113306 13270 063400113122 TRA 0+01++ SXA 610+X0 510 00011901 -376300000000 056000200000 007000013120 SXA 6109-5 177777213315 TXI \*\*\*A.\* 177772113325 LGL PT0000 056000200000 5 0+00 FOL P.080-STO 0001-6 TNX 069.6 SLW 620+00 TRA 200006113316 077400100044 TIX +069.\* AXT 7(380M 063400113352 -300005413331 -614000013312 13310 050000011500 -076300060006 -014000013353 TNO J-01'.4 052260010446 LDQ 5 0+00 075400100000 LGL P10006 067100013343 040200013313 XEC 580140 5XA 6109.-052200010447 TXL Y05J.1 TxI PXA STA 6401.L 100001113334 063400110446 200006413343 100001413337 -300006413341 13330 XEC 58014P 002000013351 TX. 8019.1 -076300000022 SXA 6)0940 1/7777213345 TXL Y06J.J 13340 056000200000 -076300000022 TKA 0+01-R 077400100030 AXT 7(080H 002000013401 \*\*ZJ.L CAL NOOL . LGL PT0008 TXI LDQ 5 0+00 LGL PT0008 XEC 200001413312 060200011500 TIX +01J.+ SLW 6201#0 056000011501 053400106700 002000013123 IPA 0+011C 200001113374 13350 002000013332 -014700013352 053460413572 -06000001357 LXA 510Je= 053400206701 TNO J-01.-063400213122 \$10 0001+( 177777213370 TRA 0+01.+ 063400113121 13360 LDQ 5 01-1 D77400100006 AXT 7(0806 063400210513 61091A SXA 610AI6 TRA 0+0111 LX 5108X0 TIX +019.1 LXA 510+x1 -076300000066 LGL PT0006 056060011447 LDQ • 5 1 P 200001413365 TIX +01J.V 077400400001 063400206701 063400106700 SXA 6108X0 0634C0410441 -060000011501 STQ 0001+1 077600400000 13370 20000641336? SXA 610+X1 -077400213117 LDQ • 5 1 P U6340001U502 CTA 610152 1GL PT0006 300000413406 002000013120 13400 AXC PIDAI SAA 610A5= TXH H00J16 AXT AXT 107523413236 TX1 8+CJ++ 063400406674 107665413736 050200011502 TXI 8\*VJ\*\* CLS 5201\*2 077400411434 063400410460 060100011503 002000013421 5TO 6101\*3 TRA 0+017A 077400400001 -063400410407 13410 002000010435 002000013413 050000013121 TRA 0+(1)= U77460410404 CLA 50011A -063400410413 13420 002600013234 ΔXI 710344 SXA 6) 0-H( AXT SXA 710-01 SXD 010347 5 X D 002000013417 077400410773 TRA 0+0110 AXT 71032 06340C413202 -062500011476 5XA 6103+2 STI 05012 7(0J\*) 002000013417 TRA 0+01)\* 710-01 063400406674 SXA 610-MI 002000013237 002000013434 060000011503 STZ 6001+3 017400411430 13430 STZ 6001-2 077400413216 4¥1 710J+\* AXT 7(0J\*H 060000011503 SXA 610J40 053400407072 002000013426 13440 077400400005 002000013462 TRA 0+0115 110-05 0+0135 0+0115 SIZ 077400407143 AXT 710-2L 063400407072 SXA 610-Y-07/400407756 063400407102 SXA 610-22 002000013426 077400411505 13450 063400407465 AXT 710-=U 077400400005 54A 610-(V 063400407034 002000013417 002000013471 13460 SXA 610-W1 063400113516 SXA 6109\*\* STL UE01 \*\*
063400213515
SXA 617A\*\*
007400213540 0+011F 9+011+ SXA 610-Y1 107574413236 063400413514 SXA 410Jet 107703413236 060000013610 SXA 6109\*\* 010000013505 5×A 410J+1 517 5001+8 CLA **SU8** 010000013504 13500 050000011500 060000013605 052000011476 N7T N+01\*\* 00200001351 SUB 420E++ 077400413207 AXT 7(0J+7 17E 1001\*5 063400413202 TSX 010A+-077400474473 AXT 7(0PM, 517 6001•5 0774 7277472 NZT N+01\*\* C77400177472 5001 •0 060000011476 060000011477 13510 002000400001 5x4 6)0J+2 AxT 7(0PM. 060000013605 -052009011476 STZ 6001\*\* 063400213515 AXI 710J+7 063400113516 AXT 71061= AXI 063400413514 0600000011476 13520 007400207460 002030013514 -052000011476 NZT N+01\*\* 077400277472 AXT 7100(= 0/7400264274 AXT 710FK( 056000013565 517 6001•5 -062500013607 TRA 0+01+1 077400177472 SXA 610944 002000013514 TRA 0+01+\* 00200U010505 077400474500 007000400001 TRA 0+0155 007406213707 5+01+7 STL OE01 • 7 AXT 7(0+(= AXT TRA 002000013615 IRA 0+0103 014000013554 053400110446 LXA 510940 -014000013555 13540 002000013546 053400213544 100000000001 -050000011500 TSX 010A+7 -050000011500 TRA 0+0+01 -076300000006 CAL NO01+0 052200010446 040200013566 010000013561 17E 1001\*/ 13550 4201 = h CAL N001 =0 1-01--002000013542 1RA 0+01+K LDQ 5 01 • V PT0006 J-01.. x E C 580140 -211202113563 INX /+29+T 060200011202 077400100003 100001113561 -300002113564 -20606060606060 13560 00000000001 000000000002 TXH H629\*U AXT 7(9803 0467730[1100 13570 000000000000 าของดูด 000000000000 000000003313 000000000000 -206 00000 SLW 6201+2 HTH 000000 44.190 TNX HTR HIR 0000-HIR 076100000000 053461000044 LXA 51/00M 061400213544 0000000000000000 13600 000000000000 0000000000000 000002000000 056173057400 00000001353 HTR 002000 060200011500 00000000000 -050000013566 062100010446 13610 002000200001 -050000013571 -050000013566 000000 CAL N001 \*\* SLW 6201+0 THA 0+0+01 SXA 610A+M CAL N001+2 STA 640140 -050000013565 13620 060200011500 060200011202 060200011203 060200011204 002000013544 013100000000 -077300000025 51 W 6201+3 SLM 6201+4 -0763000000003 TRA 0+01+H 200001113633 XCA 113000 077400100000 6201 • 0 L AL N061+V 620112 07/400100005 Ax1 7(08/5 13630 050000013565 063400114636 SXA 6109\*\* 002000400001 Ax1 7(0865 000004013663 7X0003 ALS 7X0003 LGL P10003 002646514421 -236021636060 +019+ AXT 000020013643 13640 000000000001 -206767676767 -332631516263 -206646512460 HTR 0041+T 314343252721 TXH 161674 216043314525 TNX XXXXX 21:51:212363:5 11X ARACTE TRC+ OF UPMA -036023464563 000000 HTR 0 - +1 +1 13650 -L CONT ROL CH 006351252163 13660 -202162602545 246046266026 -065144216360 000000064076 TEOP OTREAT 063400413714 5XA 610.00 114 0 UF F 007400412175 3 N X A LINE 963400472652 5X/ ()0-F-263146306060 263146306060 063400413766 01371400001 13670 100002013707 SXA 6101+6 TSX •AL010 8021 . 100005011101 001000000000 000000011202 007400412631 U13714000121 13700 002000013707 0000000 74500 063400213712 1+\*(C)A 000000074500 TSX (100FE 077400264236 74A 0+01+7 266651246060 HTR 000/46 063400413740 HIP 0.000,00 TSX 5XA 610A++ 063400402652

610.10

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FERD

007400411523 8021+1 1+-00 TRA 0+01+1 HIR 0005\*\* LXD MALDIM SXD DIOJES TSX 01010 063400413756 SXA 610J\*\* 013766000021 266651226060 T1X FWRB 300000611447 TXH H00/\*P 063400413766 SXA 610J+H 007400412631 TSX 0(0JF1 063400\02652 SXA 6:0-F-100002013757 TXI 8021\*\* 000000051772 007400412175 100002013752 0137660000019 HTR 00050= TSX 010JA+ 076100013757 641 8021\*-000000053026 10000 13750 1+M00A 077400265U74 AXY 7(0FQI 100002014000 000001 NOP 01... HTR 0005HF 007400412335 TSX 0(0JC= 063400414012 077400200001 AXT 710+01 063400402652 063400206700 SXA 610+X0 063400414005 063400206701 5XA 610+X1 007400412175 002000200001 IRA 0+0+01 014012000006 265124246060 000000053026 13760 HTR GG054F TIX FRUD 300000612072 13770 014012000006 TUV 1-#006 D00000052150 HTR 0005AQ C63400402652 SXA 610-F-063400114062 SXA 6109-S TS4 0(0JA+ 014012000013 TOV 1-+00+ 265124226060 TXI 8021-0 076100014006 NOP 7/01-6 063400414150 6101-AKZ ALO-F AXZ 4104-5 007400411523 TSX 010J+C 002000200001 100002014006 Tx1 8021-6 000000052150 050000012547 007400412335 -053+00412545 CLA 5001EP -063400411624 TSX U(0JC+ 063400414023 LXD 410JEN 007400412631 14610 TIX FRDB 000000054215 SXA 610JJQ 063400214132 0101-6 TRA 0+0+01 HTR 000540 100002014024 TXI 8021-D 002000114024 TRA 0+09-D 000000054215 HTR 0005Ke 07740020003 AXT 7(0+03 002300014645 TRA 0+01-H 177777114073 TX1 0+09-, 300014214077 5XA 610/J+ 1,100,08 AXT PXO SXA 610/J+ 039000214146 CA3 3-0AJ0 060000014140 STZ 6001J-05,000014141 CLA 5001JJ -075400200000 002000014037 TRA 0+01-0 050000014047 CLA 5001-P 01906001+137 TZE • 10 1J• 077400411000 AXT 710J80 002C60214137 TRA + 0+ AJ+ 062200014072 056000011202 -076300000000 14030 200001214034 D5000011202 060000014140 060000014140 LGL PT0006 0C2000014057 TRA 0+01-+ TIX +01A-1 STD 6801-\* 177777114040 TXI \*\*\*9--STZ 6001J- TRA 0+01-0
050000014146 062200014072
CLA 5001JG STD 6801-=
07650000006 -060000011202
LGR PV0006 STQ G001+2
060100114121 177777114072
STD 6109JA TXI \*\*\*9-\*\*
177764214101 -075400200000 060000114121 5TZ 6009JA 077400200012 14050 060100014121 050000014145 062200014142 STD APA STO 6101JA 040000014140 CLA 5001JN 050000014142 14046 PXD P+0+00 073700100000 PAC 7+0800 077400200614 AXT 710+01 TXH **A**DD 063400114120 SXA 6109J+ 111090214106 076100014050 NGP 7/01-Q 040000014140 075400100000 PXA 7+0800 062200014143 CO2GO0014117 TRA 0+01J+ -063400214142 300024214115 TXH HODAJ 14070 05000C01 142 14100 PXD ADD 4001.1 STD 6801.0 AXT 710+05 980416 SKD 077400200010 AXT 710+08 060100114121 ST 6109JA 0000000000001 177777114112 TXI •••9J# 050000014143 002000014101 TRA 0+G1J1 060100014121 007400400706 002000014671 060100114121 TSX 010-76 060100014122 STO 6109JA 076100000000 TRA 0+01-Z 076100000000 AXT 710+08 050000014146 076100000000 076100000000 14120 STO 6101JE . 000001 MOD 7/0000 NOP 7/0000 MUD 7/0000 MOR 7/0000 CLA 5001.10 STO ALIOLA G60100014124 STU 610130 00100000000 077400264236 AXT 7(0FK+ 000000014042 HTR 0001-K 000000014040 HTR 0001--060100014123 005000500001 000000014054 6101JC HTK 0001--000012011202 000000000000 000020011216 076100000000 ~20606060606060 14140 HTR 000000 080000 244751456060 HTR 00+1+2 MIG 00000 w T 8 00000 7/0000 000000000307 00000003110 0005K4 TIX HTR 000000 HTR 1H0000 HTR 000018 HTR 000006 000000 063400402452 14160 00000000000 000000000000 000000000000 000000000000 0000000000000 0000000000000 000000 HIR 000000 000000 000000 000000014226 010000400001 012000014201 007400405646 100001014200 014240000014 063400414240 050060400003 14170 TZE 100-01 -032000014222 ANA L+01KB CLA . 50 -03 1+01KI 010-+0 077100000001 ARS 770001 07710000000 060100014224 04000001422 040000014223 077400400003 STO ARS 770001 013100000000 ARS 770001 040200014222 ADD 4001KC 200001414210 7 0003 610140 ADU 4001KD 030000014225 024100014225 076900000011 14210 060100014225 050000014224 0402-SUB 4201N--100000000000 STR 900000 STO 6101KE 053400414240 CLA 5001KD 002000400001 FDP ZJO1KE 0010000000000 XCA 110000 100400000000 FAD 3001KE -10000000000 FRN 000000000015 00000401423 14220 510JK-680000 900000 TRA 0+0-01 TXI 840000 STR Q00000 -262524606060 HTR 000000 216325602646 -006734604546 -236021434346 ~116020676060 0000C3014235 006250516374 14230 HTR 0031K+ TCOC 05QHTE 266250516060 TCNH -X) NO 100000014251 TNX T ALLO 077400200001 AXT 7(0+01 THX WED 077400100013 AXT 710H0= 0EVALU 077400456345 AXT 710NTN 000000 TEX FSOR TXI 8201KR LDI 4J01\*Q TRI A701KR
063400402652
5XA 612-F062100014341
STA 6A01LJ
053500400107
LAC 5+0-17
-005500001000 AXT 710H0=
063400414245
SXA 610JKN
062100014335
STA 6A011\*
007400214343
35x 010ALL
060400400001 0634 CC114244 534 6/09KM 062100014307 STA 6A01L7 063400414461 SXA 610JM/ 062100014327 STA 6A01LG 063400214243 SXA 610AKL 073700400000 060400014250 STI 6401KQ 062100014311 STA 6A01L9 050050400000 14250 000000000010 CLA + 50 -03 14260 062100014277 STA 6A01L7 -300000414364 TXL /00JLU 007400214340 PAC 6AOIK . 002000014243 TRA 0+01KL 044100400001 LDI 4J0-01 050000400007 CLA 500-07 007400404463 -005400002000 LFT -+00+0 053500414277 LAC 5+0JK# -000000003060 TSX 0(C-MT 007400404501 14300 RIL -+00+0 044100400001 LDI 4J0-01 002000014243 TSX 0[0-N1 053500400107 LAC 5+0-17 007400404467 SIL - • 0080 STI 640-01 TSX GIOAL-060400400001 511 640-01 677400100001 050000400011 CLA 500-09 014411003060 007400404463 -100000003060 TSX 0(0-MT STR 0000H 007400214343 -300000414323 053500414277 LAC 5+0JK+ -005700003000 HIL -+00H0 007400214340 14320 OFOALL YOUJEC LNT ~ + 00 - 0 0+01KL OCOAL-AXT 710801 010-MX TSX OLUAL-007400404501 TSX OLO-NI -063400414347 SXU OLOJLP 073400100000 PAX 710800 073400400000 002000014243 TRA 0+01KL 300047614351 TXH HOP/LR -100000003060 050060014351 CLA \* 50 1LR 002000200001 200001114334 TIX +019L1 073700400000 014401314334 1M11L) 007400404465 014336003060 050050014277 CLA + 50 1K+ 056000014363 LDQ 5 CILT 007400406301 TRA 0+01KL 100302414350 14340 SXU 010JLP 077100000014 ARS 77000\* 007400214352 STR 0000H TRA 0+0+01 PAC 00000074064 HTH 0007-U -06000014400 0535004142/7 LAC 5-0JK+ 002000200001 -050000400012 CAL N00-04 336060606060 050000400011 CLA 500-09 00200020000 -076500000030 LGR PV000H 100001014371 CLA 500-05 014461000155 060100014377 14360 TSX 010-T1 -20312/45465L TNX 1GNOR 1000010144L0 TX[ 8011L7 252460464560 T1X ED ()N 014461000175 510 D0.01 M0 TRA 0+0+01 DIGAL 002721234262 TRCA OHACKS 255064256263 TIX EQUEST 007400405646 -072123256051 002000014243 TRA 0+01KL 007400214352 PACE R -060000014433 TNX 000000014422 060100014432 14400 -206960506060 007400405646 TSY 010-+0 007400405646 TSX 010-+0 00G004014434 HTR 0041M1 005125234651 IIR 0RECOR 264022642626 IIX F-BUFF -207567316360 TNX EXIT TSX 0(0AL-007400214352 TSX 0(0AL-000007014372 TXI 8011MB
100001014-420
TXI 8011M4
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004725514421
0052645636051
0058M
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-202162605125
TIX D USED TNX AS RE
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-236051255124
TIX ER EXI TNX T READ
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-246331464560
TCNA - EXEC TNX UTION
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0441U0014470
AXT 710NS STO 6101M+ STO 00018 TXI 8011MB HTR 5TQ 0001M.
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STQ 0001MR
000007014425
HTR 0071ME
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The state of

226360634660 -265131632560 14540 007400404465 -100000002734 002000 00001 005125506425 TNX ST 10 TNX WRITE 017360465160 -227062474701 TNX UNIT 252545603127 TIX EEN IG TSX 3(0-RV STP 9000G) 14550 216262312745 252460210260 T1X ASSIGN FIX ED AS 14560 -054651252433 U00090056235 0+0+01 OREQUE EOF UN -227062314501 TNX SYSINI 262526636060 -336270624664 TxL ,\$Y\$0U 106000014571 -203021626022 TNX HAS B 0~4100014570 TNX SYSPP1 077400452007 AXT 710N+7 1. OR 07/400200000 TIX EEN 1G 002000400G01 TX1 EGOIN/ 063400414660 5XA 619JD MOREL 00055 716+00 4JOINY 060400014570 \$11 6401NY 062100014657 063400492657 SKA 610-F-073709400000 063400414565 C63400214564 SXA 610ANU 002000014616 050060400003 CLA + 50 -03 053500414657 062100314652 STA 6A010-044100400001 000000001C 00000500+00400 00000500+009-5XA 619JU 04410040002 067100714655 14600 STA 6A016+ -065460002000 LFT -+06+6 PAC 7.0-00 -005400003530 LFT -+0+00 ĹθΙ --0-00 0.010. 500.100 Lot 007400406301 T5X 010-T1 007400214651 G02000014564 TRA 0+01NU 007400214654 100001014622 TXI 801106 053500414657 002000014624 TRA 0+0100 -005700003600 RIL -+60H0 LFT -+00H0 15x 010AGR -005600040000 000015014634 14620 014660300041 002000014564 TRA 0+01MU 060400400001 STI 640-01 -227052314501 TNA SYSINI 10 00L 044100400001 LNT --0400 005125506425 TSK 0(0A0+ -226360634660 TYX ST TO TSX 0(0AOR -112566314524 00+101 002000014564 TRA 0+01NL 118 OREGUE THX ST TO -227062474701 440-01 a I L -+ GOHO 0+01NU PEWIND TNX UNIT 252545603127 41L - • 00 HO 252460216260 11R ED AS 00740040463 15R U(L-MT 265166636060 11R FRHT U63400402652 XA A10-F-216262312745 TIX ASSIGN -054651252433 240173465160 -203021626022 14640 336062706246 TXL , SYSU 00200020001 THX U1.0H TNX SYSPP1 -100000003044 TNX SYSINE 200000003044 TNX HAS B 002000200001 000000003044 HTR 0000HM 0003770G0001 14650 010-MV LCHE MORED. +000m TRA 0+0+01 077400277774 TSX 010-MV 077400445331 STR MH0000 0+0+01 044100014667 002000400001 100000014570 14660 000000052007 TXI 8001JY 063400414664 AXT 7(05+( AXT 710PSI 063400414716 LDI 4J010X 002000100001 TRA 0+0-01 077400177774 14670 060400014667 FRA 0+010T 007400114662 TSX 0(090S 266243223160 TIX FSLBI 5XA 61030U 053400114714 LXA 5'09P' 007400414733 610AUT 64010x 610JP. 0+0801 AXT 7(0001 063400114676 SXA 51090 • 053400114711 007400114662 TSX 01090S C63400114741 SXA (109PJ 06340011472> SXA 6109PE 002000014676 007400414720 002000014676 TRA 0+010+ 000000011742 063400114676 SXA 61090\* 000000045331 14700 12X 0(07b+ LXA 5.09P S SYA 6109P3 063400414731 007400214751 SXA 6103P1 15X 01CAPR 377401214725 077400463074 TXH etiape AXT 71004 14710 TSX 010JP. 073700400000 PAC '+0-00 002000400001 HTH 0001+B 077400200000 AXT 710+00 007400214751 HFR 0001+K 007400411722 TSX 010J+B 0767G0000001 0+010+ HTR 000481 TRA 0+010+ -063400414730 SXD 010JPH 063400414731 177777214730 060100231760 STO 612C+ 073700400000 063400414747 14730 AXT 7100H1 007400400000 15# 010-00 053400402652 SXA 610JPI 177777214744 TXI \*\*\*APM 062100014726 DIDAPR 7X0001 SXD 177776214747 TXI •••APP 002000200001 0774002000CC AXT 710+00 -060060014742 STG # GO 1PK 062100014742 100001214746 TXI 801APO 050060400004 3G0000214741 TXH H00APJ 100000014765 14740 060100231760 510 610C+ 050000400003 002000014731 14750 LXA 510-F-077460451407 AXT 710417 CLA 500-03 044100014764 STA 6401PF 00200040J001 STA 6A01PK 00000000000060 HFR 00000 002000014760 CLA • 50 -04 060400014764 STI 6401PU 063400114773 0+01P 063400402652 063400414761 077400277772 SXA 610JP/ 05340G115011 4J01PU LDI 4J01PU 002000100001 TRA 0+0-01 077400171230 5XA 610-F-007400114757 063400415012 14770 063400214760 SXA 6109P. 053400115011 LXA 510909 077400277611 SXA OLOIA 0+08 0+01P 5xA 6104P 5XA 61039F 5xA 6109Q TSX 0(030-002000014773 000000006664 063400114773 SXA 6109P, 266743244660 007400114757 FSX 0109P+ 100000015U22 063400115077 SXA 6109Q+ 077400444255 007400415065 TSX 0(0JQV 044100015021 002000014773 15000 TRA 0+01P+ 000000651407 15010 TIX FSUDO 063400402652 5XA 610-F-007400115014 TRA 0+01P. HTR 000517 060400015021 H00108 110G+9 LDI 063400415016 AXT 7(0G+9 063400215015 5XA 610AQ+ 063400115060 00500010000 063400415050 TRA 0+0-01 077400177467 035001 571 64010A 063400115030 SXA 610JQ+ 053400115046 5XA 610JQQ 007400415052 002000015030 002000015015 15030 002000015015
TRA 0+C1Q+
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TIX FSLB0
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TXI \*\*\*AQS
-063400415101
SXD 016JR1 AXT 7(0+(x 063400115030 SXA 6)09QH SYA 61090H 053409115047 LXA 51090P TSX 01090° 063400115077 SXA 61090° 007400215103 LXA 510900 007400415065 5XA 61090 002000015030 000000011722 HTR 0001+8 077400200000 15040 000000011 LXA 51090P 063400415063 VQL018 TRA (+01QH -063400+15062 TSX 010JQV HTR 0001+K 000000044255 15050 -063400+15062 SXD 010JQS 063400415063 SXA 610JQT 056060015077 LDQ • 5 1Q, 062100015057 STA 6A01Q+ 00000004233 HTR 0004K+ 007400406664 TSX 010-WL SXA 610JQT 377773215057 TSX 010AR3 077400462777 AXT 7100G+ 7-0-00 062000400601 1506( TRA 0+0-01 177777215075 TXT \*\*\*AQ\* ALS 7X0001 007400400000 ... AQ. TSX 050000226120 CLA 5008/+ 053400402652 15070 073700400000 077400200000 100001215077 TXI 801AQ+ 062100015073 STA 6A01Q+ SXD D10JR1 300000215073 PAC 7-0-00 1/7/76215101 050000400003 CLA 500-03 002000015063 05006040000 15100 LXA . . . AR I HOUAQ. TRA 0+0101 510-F-CLA # 50 -04 002000200001 100000015115 TXI 8001R+ 050060400003 15110 077400200000 077400451777 002000400001 063400402652 063400415232 063400415113 TRA 0+0+01 063400215112 AXT 710N++ -012000015135 TRA 0+0-01 034000015207 CAS 3-01-7 0G2000015112 710+00 610-F-002000015135 TRA 0+01R+ 050060400003 073700200000 PAC 7=0+00 013100000000 010000015135 002000015127 TRA 0+01RG -032000015203 CLA • 50 -03 073400200000 PAX 710+00 060000015204 TZE 1001R+ 300006215135 TMI J+G1R+ 060160400004 6 LOAR 050060215207 CLA \* 50 A-7 077400400000 15130 TXL Y00AR+ 075400000000 STO + 61 -04 022100015205 TRH 0+01R# 076700400000 CLA . 50 -03 ANA CLA • 50 -03 ANA L+01-3 -060200015204 D50000015234 DRS 0201-4 CLA 5001-1 007400405646 I00001015161 TSX 0(0-0) TXI 8011R/ 004346273121 214360644531 DA1 0LOGIC TIX AL UNI -233146452143 -207-67216360 15140 004000015151 DVP ZA01-5 -050100015204 6001-4 7+0000 ALS 7X0-00 660260015173 177772415142 TX1 \*\*\*JRK 000000015162 -050000015206 015232000061 15150 076700400006 SLW 6701R, 000007015174 HTR 0071R1 004546604647 1-+00/ -236045466360 CAL N001-6 002000004073 ALS OR A N101-4 15160 000000000057 000007015165 HTR 00000 -252143642560 TNX VALUE 216325246060 TIX ATED HTR 0001R5 TRA 0+00-, 15170 242526314525 246026465160 T14 DEFINE TIX D FOR 15200 -24633146456C -232551443145 HTR 0071RV TNX T NOT -006025672523 TNX ONO DP TNX TIONAL 000000000000 HTR 000009 000000014153 000000000012 HTR 00000+ 00000007777/ -206060606060 UTION HTR 0007\*\*
000000003212 15210 0000000003210 000000014152 00000000 3211 000000014154 00000001-160 000000003213 HTR 0001 J-0000+9 HTR 0000++ HTR 000135 0001.1\* 00013 15220 000000003214 000000014161 HTR 0001J/ 000000014162 HTR 0001JS 000000000000 000000003216 000000003217 000000014163 00000001 HTR 0000++ 000000014166 HTR 0001JH HTR 0000++ HTR 0000++ 266531466060 HTR 0001J/ HTR 0001JT 15230 000000314165 000000000000 HTR 000000 000017600000 HTR 00+ 00 -050000200000 HTR 000001 015235000000 HIR 0001JV HTR 0001JW HIR 0005\*\* FYIO HIR 000001 15240 00000000000000 000001000000 HTK 001000 000000077777 HTR 000040 HTR 0007000 000004 000003+ 1-+000 063400415263 15250 100000000000 -206060606060 073 7004 00000 CAL NO0+00 062100015322 STA 6A018B -053400400107 5XA 610J-T TXT 800000 ~00000 00000 Y00000 PAC 7+0-00 062100015323 STA 6A016C 077400400000 AXY 710-00 C\* 2100015306 ST4 6A0156 15260 100000415262 300000415265 TXH H00J-V 036100000107 002000400001 TRA 0+0-01 063400215320 TXI 800J-S 077100000022 ARS 720008 -032000015243 126008 15270 -050000000107 -053400200107 062100015300 CAL 400017 15300 -050000400000 LXD N10-17 002000015320 LXD N10+17 050000200000 STA 6A0180 032000015243 ACL 3/0017 032200015322 610AS+ 010040015306 200001415300 TIX +01J50 050000015322 ERA 3801\$8 200001215306 TIX +01456 T/E 10:/156 00200001532G TRA 0+015+ L+01-L NOO-00 TRA 0+01\$+ 062160015306 CAL N00+00 050000015323 010000015314 1/E 10015' 002000015263 032200015323 062160015300 ERA 38014C 07740020000C CLA 50018B 063400415344 SXA 610J8M 060260200000 STA • 64 186 060400015372 STI 64018# 007400400704 CLA 5001\$C -050000015350 STA + 6A 150 077400400000 000000000000 00000000000 TRA 0+01-T -005400006100 LFT -+0010 U02000015340 HTR 000000 HTR 000000 -077400400001 710+00 N00150 710-00 15330 044160200000 000005200000 -077400400001 LD1 = 4J +00 0>2060200000 TSX 0(0-74 044100015372 LDI 4J015= SLW + 62 +00 077400400000 AXT 710-00 07/100000022 C+015P AXC P10-01 AXC P10-01 032200015371 15340 -0500000004524 010000400002 TRA 0+015-073700200000 PAC 7+04\*\*\* CAL NOOND -012000015366 TMI J+01\$W ERA 3HU1\$2 -050000200000 100-02 15350 062100015360 060000000135 STZ 60001\* 060000700001 STZ 600+01 052060000134 STA 6A01\$ 002000400001 CAL N00+00 770008 15360 076200000000 062160000727 5TA • 6A 07G 052260000727 XEC • 58 07G 060060000776 \$17 • 60 07F -050000200001

002000400001

0+0-01

~300006600000 ~3577717171570 ~36717177777 -100000024000 300016004524 000000000000 300C00774044 TXL Y00 00 036100015236 TXL \*\*\*\*Y 062100015415 TXL \*\*\*\*\*\* 036100015236 STR Q002-0 050200477/17 TXH HQ=QNC -377777777 \$ENORE 000004000000 000000 TXL Y00 -- M 004000000000 T1 Q 0-0000 050000400000 520P\*\* 6A01 \*\* ACL 060200077603 050000400000 062200004556 076300000004 SLW 6207+30 050000015430 STO + 61 0N+ 100002115427 CAL NOO-00 073400200000 CLA 500-00 002000015440 6401 .H L+01-P LGL PT0004 062260004556 050000004556 076700000022 15420 073400100000 PAK 710+00 060100077605 STU 610767 PDX P10500 062000077604 TXI 8029-8 062160015430 STA + 6A 1+H ALS 7X000B -200001215444 TNX 01A+M STU . 68 ON. CLA 5001+H 036100015430 ACL 3/01+H 062160015415 TRA 0+01+ CLA 5000N+ 067100015430 G62160015430 STA • 6A 1•H 177777404667 15430 \$12 6007#4 036100315236 PXA 7.0800 S1A 6A01+H 050000015430 CLA 5001+H 075400100000 062100015432 002000015427 15440 -032000015243 ACL 3/61-\* ANA L+U1~L -050000015466 51A 6A01++ 053500104545 TRA 0+01+G 060200015463 HTR 056400015235 15450 999996 M001\*W 5+ 08NN SLW 6201+T PXA 7.0800 LGR PVOOO. ENB 5001-+ TSK 010-74 060200021020 00/400400706 -000000000000 000000000000 000001021020 007400400713 -000003020367 077400115705 15x 010-7\* -073400200000 6202# 15% 010-75 -050000477777 HTR G00002 077100000041 ARS 72000J 062100016062 STA 6A01 S 177777415513 TXI 0+0Je= 002000015554 TRA 0+0100 HTR 000002 -00000 HTR 00128+ 063400415500 SXA 610J+0 044100015625 004400000000 060000021017 050000477777 300000215513 15470 CAL NOOP ... 177776215515 PAI 0M0000 050000017475 CLA 500P+4 062100200001 PCX P10+00 -03200070G001 TXF H0GA == -010000015451 AXC P(OG)\* 077400116005 AXT 7(09 5 063400115613 SXA 6)09\*\* CLA 50011+ 073400200000 ANA L+0+01 063400215654 SXA 610A++ 053500115614 TNZ J001+R 062700015623 STD 6801+C -063400115531 LDI 063400416524 SXA 610JVD -073400100000 15510 050000400000 CLA 500-00 005600000200 PAX 710+00 007400415645 TSX UIOJ#N 15520 RNT 0+0020 177777415532 LAC 5+09++ SXD 0102+1 POX P10800 053400215654 LXA 510A+4 062260015654 \$10 • 68 1•• 002000015675 -073400400000 PDX P10-00 007400116205 063400215537 -005500020000 -075400400000 -075400103150 15530 -X1 000J0+ 002000015523 PXD P#0-00 -005400040002 062100200002 LXA 510A+4 050000016062 SIL -• 3200 076700030322 PXD P+0810 062200200004 15540 ALS 7X000B -053400115623 CLA 5001 S 007400415645 TSX 0(0J+N 002000015554 0+01 •C LET --0402 0+01+4 STA 640+02 -005400020000 LFT -00200 007400415565 06212920003 STA 640+03 050000015654 002000015603 TRA 0+01+3 062100021017 002000015577 TRA 0+01++ 050060021017 15550 -050000015537 300000115577 CAL 4001 • # 052000921017 LXD N) 09+C 073400100000 TXL Y009\*\* 15560 CLA 5001++ -075400100000 PXD F+0800 007400414201 STA 6A028+ 062260021017 5+028 V+L010 G+01\*\* CL4 • 50 28 • 007400116205 710800 SXD 15570 -073400100000 100000115572 TXI 8009 0= 002000015617 002000400003 TRA 0+0-01 -005400060000 -076000000003 -005400060000 LFT -06000 J02000015632 TRA 9+91++ -053400115623 LXD N109+C 002000004650 PDX P10800 -005400000002 STD • 68 28• 053500416062 SSM P 0003 -005400020000 TSX 010955 002000015612 TRA 0+01++ 007400115205 FSX 0(6955 -063400115623 ~ = 0002 TSX 010251 5+0J S TRA LFT 056400000735 ENB 5U007\* 005600000200 007400415705 FSX 0(0J+5 -300000015554 15610 050200015244 CLS 5201-# 15620 -200001115625 000000003110 HTR 000018 002000015523 -00460C000000 PIA -00000 0055000G0200 062200200011 SFD 689+01 -052000021017 TNX 019+E 007400415565 0109+0 RNT 0 00 20 Y001\*\* TRA 0.0020 N+028+ 050000400001 005600000200 -076000000003 SSF P 0003 C02000015612 040000016035 ADD 4001 • 050000015654 060200400001 032000015245 002060015627 CAL NOO-01 005400000200 RFT 0+0020 TRA • 0+ 1•G 032200016035 TSX 010J+V 010000015610 SLW 620-01 036100015236 ACL 3/01-RNT 0:0020 010000015610 15640 062100015654 CLA 5001\*\* 3'3700200000 PAC 7\*0+00 0020G0400002 1001 .8 3801 100108 2+01+4 062100015614 STA 6A01\*\* 005400000200 15650 005600000200 RNT 0+0020 15660 -032000015252 -005700020000 RIL --0200 004300000000 044500015376 RIS 4N018+ 050060015654 056400015235 ENB 5U01-+ -050000004360 CAL MOOGL 002000015666 062100004556 STA 6A00N+ 062200200002 DAI 0L0000 -005700700000 RII TRA 0+0-02 0074J0416371 CLA . 50 1 ... LNT 0+01=6 0.0020 STD 050000200001 002000400001 -032000021012 00430000000 007400400705 0000000000 CLA 500+01 RIL -+0Y00 -000003200011 OA! 0L0000 007400400711 TSX 010-76 -005600060000 ANA 1.+028+ 000006020401 TSX 0(0JTZ 005500002000 002000015713 15700 002000016002 HTR 006241 062160200003 STA + 6A +03 007400417756 SIR 0+00+0 -005600003000 -02231 -03+09 010-79 0+01 LNT -- 0600 15710 050060200003 CLA • 50 +03 15720 -005400003000 036100015236 ACL 3/01-+ 002000015746 050000200003 CLA 500+03 005600009004 002000015715 TRA 0+01++ 007400416220 00200001572 TRA 0+01+0 005600040000 LNT --00H0 005400000004 LNT --0400 002000015741 -050000016113 0+01+0 0101. RNT 0+0004 01035 0.0004 036100015244 062200015734 007400420326 TSX 010K3F -005700030031 000003200000 HTH 003+00 -005700040000 002000015741 005600000002 005400000006 -005500000000 STD 6801+1 052000021017 ACL 3/01-M -005400020000 TRA 0+01+J SIL 002000015615 15740 007400416326 0056000000005 411010 5+028+ RII --0301 RII 0+01++ 002000015753 TRA 0+01+\$ 002000015760 TRA 0+01+ 050000400001 CO7400420326 TSX O(OK3F O73400100000 000007200000 HTR 007+00 174670115765 076100000000 NUP 7/0000 -300000115770 15750 00560000000 -005400000400 1000000000 RNT 0+0002 -063400215764 TRA 0+01+\$
053500416062 LFT --0040 073700400000 STR Q00000 002000015762 15760 05000050000. SXD Oloaeu 500-01 710800 •079•V Y009+Y PAC 002000015723 TRA 0+01+C 002000015776 002000015741 TRA 0+01+J 062100-00001 0056000000005 0056000000002 0+01+ 500+01 RNI 0+0002 002000004645 CLA 500+01 002000016011 STA 640-01 -005500040004 RNT 0+0005 005400000200 TRA 0+01 • • 002000015615 TRA 0+01+C LNT -\*0400 -005500010004 16000 -005600020000 TRA 0+01 9 51L -+0404 002000315615 -005500010004 TX1 \*\*\*J 9 r500r 0200003 C1 4 \* 50 +03 063400416037 0.0020 TRA 0+000N -+0200 002000015675 TRA 0+01++ 062160200003 -005600020000 LNT -+0200 050000200003 U02000016026 TRA 0+01 F 002000016026 005400000002 073400100000 310000116111 TXH 10000 FRA 0+01++ 177777116021 TXI +++9 A • 0002 LFT -- 0002 075400100000 056000200000 16020 TXH 1009/9 016200016117 10P 1501/• 610J • 7.0800 STA . 64 +04 CLA 500+03 TRA O+OI F 100 050000016207 16030 -077300000022 007400400704 062100200004 000000200000 007400417744 077400465407 RQL P,000B 050000477177 640+04 010-74 000+00 OIOJ#M 16040 012000016045 010000016102 5\1001000016102 002000016064 007400420326 TSX 0(0K3F -005400000400 -050000015257 CAL N001---032000U15250 002000016047 000001200000 TPL 1+01 N U62,00200003 STU 680+03 U074U0117150 ANA L+01-Q TRA 0+01 P 007400416201 HTR 003+00 -100000000000 500P\* 03200020000 5 ANS 3+0+05 16050 ANS 3+0+05 062100200001 076100U/7602 TRA 0+01 U 002U00016001 15x 010351 -•0040 900000 PXD -005600003000 002000016071 16060 0500000006556 06210000454 TRA 0+01 I 007400416201 LNT -+00H0 053500416062 TRA 0+01 7 050000400001 640+01 010970 NOP 7/07+2 CAL N000N+ 062100200001 nur 7/07•2 -1000000000000 STR 000000 -005460000400 002000016001 050000004556 CLA 5000N+ 007400416201 TSX 0(0JS1 050000200005 LFT -+0040 002000 116001 010151 LAC 5 + 0J S CLA 500-01--005400003000 STA 6A0+01 007000016066 002000016073 TRA 0+01 + 002000016002 15100 062100400001 -005600003000 002000016105 TRA 0+01/5 TRA 0+01 W 00000702( 372 HTK 00723= LFT -+00H0 007400400711 6A0-01 0+01 1 - • OOHO 007400400706 002000016057 000000000000 062500200000 STT 455 -03+09 007400400712 T5X 0(0-7# 007400420326 TRA (1 01 + 16)20 -017000016124 HTR 000002 007400416341 CLA 500+05 TSX 010-76 -050000200007 0+01 050000016123 002000016032 TM1 J+01/E 002000100001 CAL N00+07 -053400404546 TSX 0[0J1J 3000004[6]30 511 6F0+00 002000100001 TRA 0+01 + CLA 5001/C 000003200000 005500000020 HTR 003+00 062200004550 TRA 0\*0801 177777416141 LXD N10-N0 063400416524 TSX 010K3F 062100004547 TRA 1080+0 000000 050000477777 -005600040004 LNT -+0404 U63400016767 002000016424 TRA 0+01UD 007400416515 -005400003000 LFT -000H0 00740011/205 16140 CLA 500P\*\*
-U05400000070
LFT -#000\*
000000016647 6101AD SACONP 002000004643 007400416201 007400117150 TRA 0+000L 007400L17002 TSX 0(0JSI 000000016646 010151 15x 010920 00 000016727 RIL - \* 0000 \* SXD 010188 01037 002000004643 TRA 0+000L 000000016647 -005600003600 -005600040000 -005400003000 16160 HTR 0001W0 TRA 0+01XG 007400416515 LNT --000H0 007400[17350 LN1 -=0400 007400117443 01097 0001 WP 000000016646 0+ 00UL 010JV. 0107.0 TSX 010911 HIR 07600000001 SSP 7 0003 16200 002000016735 050000200004 -07 14 001 00000 063400116062 002000400001 0054 00000200 056400015235 ENB 5001-PDX P10800 062260016062 002000100001 RFT 0.0020 -050000014517 SSP 7 0003 002000015452 TRA 0+01+-0+01 # 012000016215 056400000735 ENB 500070 040060016062 -00006 1020407 01E N0015-056000200007 LDQ 5 0+07 STD . 69 1 S ADD • 40 1 5 16220 063400416260 1+015+ 0+UH01 TRA 0+01--060000020422 510 000248 U50000200003 CLA 560+03 050000200005 010000016255 007400416471 0767000000004 61015 N00+05 710004 10015+

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050000200005 CLA 500+05 -060000020436 002000016242 007400400715 -060000020424 TSX 0(0-7+ 0>0000200005 579 000240 007400404715 TRA 0+015K 0G7400400706 CLA 500244 -050000015252 CLA 50024-000006070421 STO 61024) 032000200005 TSX 010-76 062200200003 00024+ LFT -=00H0 004011026427 000000000004 -00000702U365 -000003200011 HTP 000004 -0223V -03+09 077400462054 00200400001 056400015235 HTH 00624A 1LQ 0-9246 -005600020000 CAL N001--002000016272 STD 050060200003 CLA • 50 +03 062260016062 073400100000 16260 PDX P10800 -075400100000 TRA 0+0-01 ENB 5U01-9 SXA 610JT? LNT -=0200 -3100U0110277 -050060116082 -073400400000 -300000416304 TXL 20959 CAL + 40 1 5 PC 700040000 -300000416304 U62260200003 07746040610 002000400000 053400416302 TRA 0+015= 040200015244 177777116271 STD • 68 1 S 053500416062 LAC 5•0J S SHA 4201-H -005600020000 002000400001 16300 -005400020000 LAC 5+0J S -310000116324 STD . 68 +03 A X T 71.0068 0+0-02 510112 TRA 0+0-01 062260200003 UNT --0200 -0/3400100000 PDX P)0800 002000100001 063400116317 SXA 6109T+ 040000015244 050060200003 CLA • 50 +03 062200400000 036100015244 002000016320 ACL 3/01-M 053400116317 SID \* 68 +03 002000100001 TXL 2009TD 063400416337 16320 -050000400000 007400416371 ADD 4001-M 0602006/J447 STD 680-00 007400400706 51091. SXA 610J\*\* 004003020445 YSX 0(0JTZ 077400462040 0+0801 0+6801 LXA 5109T\* TRA 0+0801 -000007020355 -000003200011 -0223V -03409 U50000016366 -005400003000 CLA 5001TW LFT -+00H0 000000000003 TLQ 0-324N 002000016350 TRA 0+01TQ HTR 000003 007400416371 620240 TSX 010-76 050200620447 SLW 62024P -1000000000000 16340 002000400001 063400416364 5XA 610JTU -U05400000400 CLA 5001TW LFT -+00H0 TRA 0+01TQ TRA 0+01TQ 007400400706 200000000004 -000002020365 -00000320001 TSX 010-78 11X +00004 -023V -03+00740040000 002000400001 -000001020450 -000002020450 OLOUTZ 060100016360 \$10 61011 062500200000 05 00000 1636 7 16350 5001 FX LFT -#0040 STR 400000 050000016354 16360 -00000000000C HTR 002240 063400416377 CLA 50011+ 077400400000 AXI 710-00 511 6E0+00 056060200000 LDQ • 5 +00 AXT 7(0-00 TRA 0+0-01 056400015235 007400400714 ENB 5001-\* TSX 010-7\* -01240 -01240 060200020366 SLW 62023W 077400461451 AXT 7100\*R 16370 SXA 610JT. 000004 16400 007000400001 051000017372 063400116422 -07340010000 TRA 0+0-01 CLA + 50 1,= SXA 6109UB PDX P10800 16410 -013000000000 066000021020 -062000021020 -0130000000000 075400000000 002000016407 PXA 7\*0000 TRA 0+0107 076700000022 036100021020 036100177606 ACL 3/0••6 076000000001 200001116496 TIX +019U6 XCL JH0000 STZ 60028+ 036100015244 -U130U000000 ACL 3/01-M XCL JH0000 177777416431 06340041457 TXI ====100 SLQ 0+028+ 077400100000 AXT 7(0800 002000016440 JH0000 7X000B 3/028+ LBT / 0001 TRA 0+01UA ALS 7X000B ACL 3/028+ 050000400000 -032000015250 CLA 500-00 ANA L+01-0 -1000000000000 -005400000040 002100100001 TTH 0A0801 -005400000400 -005700100000 RIL --0800 -005700000004 16430 SXA 610JVD 053500404547 LAC 5+0-NP ~050000015250 STR Q00000 LFT -\*000-005406000200 007400417576 KFT U\*0020 TSX 0(0J\*\* 062206200003 -050000016407 0+014---0040 RIL SIL 063400421016 -300000400713 5XA 610K8• TXL Y00-7= 002000016456 050000017064 -07730000002 00740011647 056000004545 -300000400713 TXL Y00-7= 050000017064 LDQ 5 00NN 005600000001 TSX 0(09U1 002000004645 RQL P,0008 036100015251 16450 CLA 5001YIJ 062500004545 STT 6E00NN 002000016442 680+U3 CAL NOO1U7 0200U02 062100004551 50 +02 STA 6A00NR 0416524 -063400404551 0+00 ON NOD1-0 0+0100 3TD 6R0+U3 CAL NOO1U7 050060200002 C62100004551 CLA 50 402 STA 6A00NR 053400416524 -063400404551 LXA 510JV( SXD 010-NR -050000477777 -076500000042 CAL N00P++ LGR PV00GK 002000100001 050060200002 STO RNT 0.0001 ACL 3/01-R -053500404550 007400116474 TSX 0109U1 052000021016 CAL NOUL-Q 18A 0+010\* -050000016461 077100000022 CAL NOULU/ ARS 7Z0008 007400116474 -053509404546 002000016462 TRA 0+01U5 002000016512 LDC N+0-Y0 002000016442 LDC N+0-Y0 TRA 0+01UK TRA 0+01V4 TXI \*\*\*JV4 053400471016 -063400404545 LXA 5) 0KB\* SXD 01/1-W0 0522004000000 002000016442 0+01UK 010901 U02000016513 IRA 0+01V= UU2000016513 16500 -005400100000 010000016510 01620001650 TQP 1501V3 012000016523 TZF 1001VB 060000004552 LFT --0800 063400416524 16510 SXD 010-NN 005500002000 TRA 0+0801 CLA = 50 +02
077400173417 063400116617
AXT 7(0+)= SXA 6109W+
044500015373 -032000015375 TPL 1+01VC 063400116524 SXA 6109VD -063400016710 0+01 V= 5TZ 6000N-177777116527 TX1 \*\*\*9VG 00430G000000 052200400001 XEC 580-01 010000016523 16520 -037000015253 SIR 0+00+0 062200004553 AVA L+01-\$ 16530 -050000177777 TZE 1001VC 062100004552 XEC 580-01 0737001 '0000 RIS 4N015, ANA L+0159 044000015374 00560040000 115 4-0151 RNT 0\*0-00 002000016556 002000016651 OAI OL 0000 002000016552 TRA 0+01V-050060200002 SXD 0101X8 0634C0116617 SXA 6109W 012000016562 SID 6BOON S 007000016545 -005400100000 002000016754
TRA 0+01VN LFT -+0800 TRA 0+01X+
U62100004552 -052000004553 -005600400000 16540 -005400600000 LFT --0 00 050060004552 16550 STA 6A00N~ 050060200002 TRA 0+01V+ TRA 0+01W7
-010000016566 -0734001C 0000
TNZ J001VW PDX P10800
052200400001 005700010000 CLA + 50 +02 005400200000 RFT 0+0+00 TPL 1+01V5 063400104552 SXA 6108N-040200004553 NAGONS LNT -=0-00 -032000015247 073400100000 PAX 710800 -010000016577 CL1 + 50 +02 052200400005 ANA L+01-P 002000016560 16570 -005400200000 SUB 4200NS 075400000000 XEC 580-01 005500010000 51R 0-0100 TNZ 1001 V . SIR 0.0100 580-01 RIR 0.0100 TRA 742 J0014\* 518 D\*0100 562200016710 -005600200000 510 650188 LYT -\*0+00 062260200002 062200004551 040000004553 ADD 4000N\$ 002000016622 010000016610 012000016611 062200004553 6800N\$ TZF 1001W8 005500004600 1001#8 TPL 1+61W9 6056002000004 21K 0+6,00 \$70 6800N\$ 050000004552 PKA 7+0000 077400171172 16610 062700004551 STU 6800NR 075400100000 PXA 7\*0800 062100004551 STA 6A00NR 005400200000 RET 0\*0\*0000000 KNT 0+0+04 605500006010 5TD • 6B +02 -053400104553 RNT U+0+00 U36160200007 ACL + 3/ +02 TRA 0+01MB 005600200004 5000N-062160200002 STA \* 6A +02 -300000116640 51R 0\*000H 036100004552 LXU N108N\$
06216U400004
STA + 6A -04
-3C2663116717 RNT 0+0+04 053400104552 -300000116651 052700016642 16630 075400130000 PX1 7.0800 053400115647 A(L 3/00N--300:00116643 -TXL Y009#R 002000016651 LXA 5108N- TXL Y009N--053400104553 -050000177764 06020017776 LXD N108N\$ 005400000010 5109WP 0+^1WK 51# 620\*\*U 11X +015WL 97F N+00NB 0020000 065700604000 J0560000400U 005500000400 16650 51R 0+004 00740041676 75X 0(0J) RNI RMI 0#00=0 0054( 0000200 RFI 0#0020 7 (A U+01VD U52200400001 005400000020 007400417576 THA )+GIN 0J2000016471 15% 0(0)++ RFT 0+000+ -005400200000 002000016706 16670 3020000064645 357200-0.0

XEC 580-01 KN;

652000604566 302000016\*11

ZET 5+0000 7FF 0+0184

002000120417 6AL N001m=

-050000120417 6AL N001m=

-05000120417 6AL N0024

-05000120417 060260020415

CAL 50024 5LW 62024

-0500177777 05550020000 005600010000 TRA 0+01W/ 050060400L04 KIR 0.0100 062100004552 LFT -+0+00 050000016710 0+3102 THA 06220000455 005600230000 ULA • 50 -04 062500004545 CLA 5001X8 002000016663 6AUON-5TD 5B00NS 05350(116524 005500000100 511 6F00NN -050000016726 LFT -+0-00 005100024004 002000016577 U02000016606 053400114524 16730 005500000004 -005600400000 TRA 0+019\* LXA 53090 04020000455, 91200001661 SUP 4200N1 7PL 1+0197 510 680\*\*\*
-005600400000
LNT -\*2-60 51R 0 • 0004 300000116605 LNT -+0-10 005500010000 050000004 1XH H009W5 SIR 0.0100 CLA 5000NS 36220031671C 00540 09C010 005500094000 002000016651 050000016524 -052000021016 062100021016 \$18 6A028• 51R 0+00-0 073700100700 \$1D 580188 811 0.008 002096016525 -(5006019000 TRA 0.019E (AL NOU-00 002000016772 -0057(600031 TPA 0+01WR CIA 5001V0 N+028+ TRA 0+01M CTA 5001MU 002000015525 050000200001 TRA 0+01VE (LA 500+01 002000016777 -0056010 0601 -032000015241 073400100000 ANA L+01-J PAX 710800 U02000400001 -005700000020 300001116771 16760 7400109700 740 7+08 3 005400011600 TXH H019X7 16770 0+714= 1000 0.0080 121 - +0001 RIL TSX 0(09/Q 00/00001/126 063400417106 SX1 610326 17000 -005-000000020 002-000403001 \$11 -2000+1700 124 072-01 17011 (50000200004 062100-00002 063400117107 5XA 610927 036100015241 00550-0000003 056400015235 -052060200004 914 0\*00003 921905900003 US0060200004 CLA + 50 +04 NZT > N+ +04 062100200004 062100 (40002)
514 (550-02)
55400 (4000)
53510 (4000)
640 (4000)
640 (4000)
640 (600)
640 (600)
640 (600)
640 (600) ACL 3/"1", (41)0"00000 (41)0"00000 611 P0+01 STA 6.40+01 062260200004 511 \* 66 \* 04 036100115236 076500:00041 168 PV00/ ) 03610(115, 36 4(1 3701\*\* -053400116767 100001117026 -063400116767 -050000200002 114 ... 0101° 79(18 STOCCS 141 HOL9YF 040200400000 5xu 0)09XX 5x000000022 CAL NOV+02 17030 07340010000 07340010000 1.1 +3020 1.1 +3020 1.1 +300+01 -3020 1.1 +3020 1+0288 -(3,110(1524) -(3,110(1524) -(4,111) -(6,20)(017103 -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111) -(1,111 SUB 420-00 7X000A STD . 68 +02 -076000000001 -0760000000001 0.5600900002 2050000200003 2AL 400+03 2350060200002 -30000117111 -3xt Y00973 -062260200003 17040 07340170000 304000200002 PAX 710-00 CAL N00+03 062200017c44 -350060200002 STD 5401YU CAL # NV +92 040200015244 SUB 4201

STD . 68 +02

0+01+4

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-100000000000 -250000200003 036190015244 17720 -0 0000400001 677106006604 100001005590 050000200002 062200200003 CLA 500+02 -005400003000 ACL 3/01---053500416062 770004 000000 N00+03 ARS 770004 002000100001 TRA 0+0801 007400120460 TSX 010+4 063400417754 05 34001 17711 007000017770 100000000000 002000017740 056000017607 STR Q0000 077400100000 077400100000 0000400420326 LDQ 5 01+7 -032000017475 AMA L+01(+ 002000400001 0+01 TRA 0+01=Y 036100015244 ACL 3/01-M 007400117204 TSX 0109=4 002000020004 063400117742 SXA 6109+K 062200017753 002000017621 TRA 0+01+A 000002200000 050000200001 CLA 500+01 077400461742 AXT 7100+K 076700000003 ALS 7x0003 063400420556 17750 007400420326
TSX 010k3F
050060200000
CLA • 50 +00
013100000000
FCA 110000
050060.700000
CLA • 50 800
060000021020
STZ 60028+ 6801 - 9 SXA 610J\*\* HTR 002+00 010000020G11 TRA 0+0-01 050000017760 5XA 610K0+ 062100017766 056400015235 17760 -07740040001 AXC P(0-01 002160017766 STA \* 6A 1\*W 062100100000 STA 6A0800 -063400016767 010000020611 TZE 100209 -052060200004 NZT = N+ +04 062260200004 STD = 68 +04 050060200004 -05206000000 NZT = N+ 000 062100200004 STA 6A0+C4 -077400400001 AXC P(0-01 AADLes 5001 002000020035 TRA 0+020+ 007400400703 056060017766 LDQ • 5 1• h 013100000000 056000200004 073700100000 05206020000 20000 TSX 0(0-73 010000020040 TZE 10020-110000 -00+00 012090020021 AXC P(0-01 -053400116767 100001120020 TxI 801+0+ 20010 002000020007 012090020021 TPL 1+020A 013100000000 XCA 110000 062100200004 STA 6A0+0\* 177777120041 TY1 \*\*\*\*0J -063400016767 SXD 0101XX 056000200004 LDQ 5 0+04 060100021020 STO 61028+ 300000120056 LXD N109XX 073700100000 PAC 7\*0800 0+0207 STZ 60028+
062100200004
STA 6A0+04
053500416062
LAC 5+0.1 S
007400420326
ISX 010K3F
060160200000
ST0 + 61 +00
-07740040001
AKC P[0-01
102000400001
IRA 0+0-01
050000400000
CLA 500-00 CLA . 50 +04 CLA • 50 + 04 -032000015252 ANA L+01--007402117270 TSK 0109-Y 000005200000 HTR 005+00 060000021020 STZ 60028+ TZE 10020-010000020032 TZE 10020+ 002000020013 TRA 0+020\* -052000021020 20020 063400116767 013160000000 Sxf) 0109XX 050000100002 CLA 500802 -053400116767 062260200004 STU + 8B +04 050006200005 CLA 500+05 00200002000 TRA 0+020 -01200002005 20040 MZT N+028+ -005500010000 SIL -+0100 TXL Y00+0+ CLA 500+05 077400462056 002000406001 050000021020 002000020045 20050 -077400400002 AXC P10-02 007400117350 TSX 0(09-0 -052060200004 NZT • N++04 013100000000 XCA 110000 TRA 0+020N 007400400703 15X 010-73 0000000000000 HTR 00000 050000020075 7100+ SIL --0100 002000020070 TRA 0+020Y 002000020065 TRA 0+020Y STZ 60028+ -052060200000 NZT \* N+ +00 007400120460 TSX 0(0\*4 073700200000 002000020062 TRA 040202 06340042007C -000000200000 20060 -00+00 063400420275 SXA 510K2+ -010000020301 063400120276 SXA 6)0+2+ 073700400000 016200020221 20100 CLA 50020+ 012000020275 7-0-00 CLA 500-00 040200015236 7+0+00 TQP 15022A 050000400001 J00231 062100020275 050000200001 01200002064 20110 002000020116 184 0+021+ -050000020275 050000400001 CLA 500-01 007400120312 TSX 0(0+3\* 0074 0120303 TSX 0(0+33 060060200000 SUB 4201-\* 036100200005 ACL 3/9+05 077100000004 TPL 1+022\*
-053500100736
LDC N+087\*
-005600200000 CLA 500+01 016200020154 TOP 15021\* 002000020275 640224 \$7A 6A022\* 060200200005 \$LW 620+05 06220017777 \$TD 6B0\*\*\* -050000015400 050060000725 CLA • 50 07E -073700600000 010000020124 TZE 100210 -050000400001 950000200004 CLA 500+04 -077400400001 AXC P(0-G1 174720120150 TXI \*P\*\*10 PDC P+0-00 050060200000 CAL N00-01 010000020143 ARS 720004 062109200004 LNT -+0+00 -063400220147 TRA 0+022+ 053400104556 20140 -063400220147
SXD D10B1P
062100177777
SYA 6A0000
056000015246
LDQ 5 01-0
320000120417
TXH +00040
007400117266 STZ \* 60 +00 -050000000736 CAL ND007\* 062100100000 STA 6A0800 053400120075 6A0+04 N001-5 5108N+ 063000177776 STP -004600000000 P[A -00000 -076300000022 CAL N001=5 002000020275 TRA 0+022= 013100000000 XCA 1F0600 063400420206 032000200001 ANS 3+0+01 -073700100000 032000000740 300000120152 TXH H00+1-ANS 3+007-0100G0020213 TZE 10022= -005600200000 TXH H00\*1-050060200004 CLA \* 50 +04 062260200004 STP 6H0\*\*\*
062160100003
STA \* 6A 70
-060060000:36
STQ \* 00 97\* -073700100000
PPOC P=0800
002000020275
TRA 0+022e
007400120312
TSX 010934
002000020144
TRA 0+021M
059000020075
CLA 50020e
062160000727
TRA 0+0 075 LGL PT 000B 056900000737 20170 LNT -+0+00 00200002C210 TRA 0+0228 6)0K26 51040+ LDQ 5 007\* 077400477446 SXA 610K26 050000200004 CLA 500+04 013100000000 XCA 110000 076000000001 LBT 7 0001 -0737004U0000 PDC P+0-00 20200 052000400001 002000020200 -0737004U0000 PDC P+0-00 062107200004 STA 6A0+04 -010000020304 TNZ J00234 012000020251 007400117266 TSX 0109=w 056000015246 LDQ 5 01=0 -010000020542 TNZ J0025K 052060000725 TRA 0+0228 -050000015377 CAL N001\$\* 044100200001 LDI 4J0\*01 036100015236 AXT 7(0P10 -076300000022 LGL PT000B -00540040000 LFT -00-00 002000020251 TRA 0+0220 062160200004 STA • 6A +04 002000020674 TRA 0+026( 062100020247 -077400400001 AXC P(0-01 002000020170 20220 LBT 7 0001 062100020254 20230 050000400001 /FT . 5+ 07E 500-01 3/01-0 STA . 64 07G STA 640224 1+0228 TRA 0+9228 STA 050000200003 CLA 500+03 036100015236 036109015244 ACL 3/01-M 052000020075 ZET 5+020# 062200200003 STD 680+03 002000020336 002000020250 TRA 0+0220 U50000200001 062160074465 STA • 64 7MV 20240 013100000000 077100000022 LNT -40020 062100074465 STA 6A07MV ARS 72000B -03200001540*2* 010000020261 TRA 0+023 077100000022 720008 CLA 500+01 050000020300 ACL 3/01-0 077100000007 050100400000 060000000135 062100020273 056000400001 0162000202 0RA N10-00 052060000134 ZET = 5+ 01 002000020422 TRA 0+0248 G5000400001 ARS 72000 076600001232 MRS 7W00+ 01310000000 XCA 110000 050060400001 05000020300 CLA 500230 077400476631 AXT 7(0PHI 062100400000 STA 6A0-00 -052060400001 STA 6A022, 052260000727 XEC • 58 07G 056000400000 LDQ 5 0-01 077400100001 AXT 7(0801 013100000000 TQP 150222 902000400001 TRA 0+0-01 060060400000 60001 720007 ARS 720007 062200020273 STD 68022, 076000000001 LBT 7 0001 002000100001 20270 076700000017 7 x 00 0 076200766000 RDS 750+ 0 20300 LDQ 5 0-00 062100400001 XCV 110000 STZ - 60 -00 062260400001 20310 050060400001 CLA • 50 -01 077400457736 AXT 7(0N•• -032000015252 ANA L+01--077400400002 AXC P(0-02 002000004645 TRA 062100400001 -052060400001
STA 6AD-01 NZT \* N\* -01
002000000705 DD0000000000
THA 0+0075 HTR 000000
010000070323 002000020352
TZE 10023C TRA 0+023050060200000 -032000015243
CLA \* 50 \* 00 AMA L+01-L
007400416201 40550002000 LDQ 5 0-01 002000100001 THA 0+0801 STA - 6A -00 100001000500 TRA 0+0801 060000400001 TRA 0+023A 063400420323 SXA 610K3C 007400420326 TSX 010K3F 032200015243 20320 05000040000 002000100001 THA 0+0801 -012000020335 TMI J+023\* 062200200003 STD 680+03 ~005600040000 0+0801 600-01 HTR 005+00 ERA 3801-L -005400003000 TNZ J0000N 002000020363 TRA 0+023T 002000004645 007400416201 TRA 0+000N TSX 010JS1 007400420060 002200020361 fSX 010X0 TRA 0+023/ 234664456360 256773252524 TIX COUNT TIX EXCEED -032560264651 -203145316331 LE FOR TNX INITI 005500002000 -00540003000 00200020363
SIR 0\*00+0 LFT -\*00+0 TRA 0\*023T
-206445316360 -206021106060 -074646436025
FINX UNIT TNX AB POOL E
252460406046 -072545604546 -236047466262
TIX ED - 0 PEN NO TNX T POSS
214331712163 314645606060 -202163632123
TIX ALIZAT TXH IGN TNX ATTAC -032560264651 -203163316331 214331712163
LE FOR TNX INITI TIX ALIZAT
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TIX AL TRA
-206060406060 -205454545454 -205125234651
TNX - TNX -000 TNX RECOR
TNX -000 TNX RETRY TNX
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L FILE TNX US6
-00004632641 002400622767 007400130640 TXH ION THX ATTAC -206651316325 -205125212460 TXH H ERRO R AT TNX ILLEG
20420 -205454545454 -205125254360 -205454545454
TNX \*\*\*\*\* TNX REEL TNX \*\*\*\*
20430 -11252464654 214523706030 316263465170
REDUNC TIX ANCY H TXH ISTORY
20440 -205125535170 -202551216225 314343757721
TNX RETRY TNX FRAST TXH ILLEGA TNX WRITE 246260606060 TIX DS -205454545454 TNX -204725514433 TNX PERM. -206051252543 -200000000160 TXH !LLEGA TNX TNX USF 007400420767 TSX 010K7X 076100006000 HOP 7/0000 -052050200004 NZI \* N+ +04 -060260700000 L FILF 000006020421 HTR 00624A G00007200000 HTR 007+00 -005 00000004 REMOVE 007400120460 15X 0(0\*4 -005400000400 LFT -\*0040 002000020511 007400420767 TSX 010K7X -1000000000000 007000017453 TRA 0+01(\$ 077400120515 00324D HTR 003240 007400420326 TSX 0(0X3F 002000020473 -TRA 0+024, 052060200000 STR 900000 050000200004 TSX 010454 062100020514 \$1L --0004 002000020502 TRA 0+0239 050000016207 500+04 062100200004 STA 6A0+04 00740040070 002000020502 TRA 0+0252 002600100001 17A 0.0801 050006200000 CLA 500+00 060202200007 SLM 620+07 060400017703 511 A401+3 -060260700000 URS = U2 +00 -020076000000 MPR = K0+000 073700100000 PAC 7+0800 -050000200000 CAL NOO+00 050060004556 CLA = 50 0N+ 002000020556 050000016207 CLA 500157 C63400420620 StA 610K6+ 062200020526 STD 68025F 063000020573 0774G04G0G0 ZET . 5+ +00 077400100000 STA 6A0+04 063400120621 SXA 610+6A 100000120527 TXI 800+5G 0500000004542 000000200000 20510 000+00 AXT 7(0-00 007400416220 15X 0(0JS+ 007400420627 T5X 0(0K6G 036100015236 ACL 3/01-AXT 7(080C 007400416326 T5X 0(0JTF 036100021014 ACL 3/028\* 062100020547 STA 6A025P TSX 010K3F -050000200007 000004200000 -07370040000 STP 6H025. ACL 3/028= 062100020552 STA 6A025-04410040000 LDI 4J0-00 -07730000022 100014420547 TX1 80\*K5P ACL 3/01-+ 002009020545 TRA 0+025N TX1 80\*K5P 956060020552 LDQ • 5 25--050000200007 STI 6401+3 002000020545 TRA 0+025N 050000004556 CLA 5000N+ 000000200000 002000020556 TRA 0+025+ 07740040000 AXT 710-00 -050000200007 00200002U545
TRA 0+025N
062160200000
STA + 6A +00 005600040000 034000400000 CAS 3-0-00 044100017703 LDI 4J01\*3 007400400704 20560 -060060020552 002000020545 \$T.0 \* 00 25- TRA 0+025N 20570 050000020573 -012000020575 CLA 50025, TMI J+025N 20600 -050000200007 035100021013 CAL N00+07 ACL 3/028= -300000120604 007400420623 TSX 0(0K6C 007400400712 TSX 010-7# 607460416341 007400400712 TSX 010-74 007400420627 TSX 010K6G HTR C00+00 036100021014 ACL 3/028\* TSX 0(0-7+ 300000120610 TXH H00468 NO0+07 LILDIO 007400416341

01.08.66

007400420623

OLOUTI

002000021663 TRA 0+02+1

TSX

002000021432

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 71040
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CLA 5002+8
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 TSA CID-NT
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SX 010JJ#
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184 0+67+8
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TEL EZH E

30602545Z46G

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(1) ~J9244
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 LG! 4J02N*
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 1-02-1
 $10
 61 OL 35
 LXA
 510K+P
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 AD∪
 4007LR
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10V 1-02+K
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ALS 7X0008
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AUG 400L35
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TOV 1-02++
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TRA U+02A+
 7 0003
 104
 ARS
 77 0001
 OF GZM+
 SUB
 42030R
 1CV
 1-02Ms
 J+0280
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 LD1 4J02N+
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 CLA 5002AE
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 CLA 500C33
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 P+0000
 ZACZL V
 1.0000
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610=07 SIR 0*0001
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5002L* CAS 3-02FP
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$10 6102E-
 6107FP
 CLA 5002L+
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 CLA
 0+0/8=
 0+026+
 42021P
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TMA 0+02C= PXD P+0000
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CLA 5002E- CVP 2A02E= TRA 0+02C+ 002000012324 TRA 0+02CD TOP ISC2BV 0+02BX STO 6102F 016200022275 TOP 15028= 013100000000 016200022324 TOP 1502CD 022100022555 0500C0022554 CLA 5002E+ 076000000012 010000J22301 TZE 1002C1 050000022552 CLA 5002E-0600000022554 050000022553 002000022533 22300 XCA 110000 076000000012 CLA 5002E\$ DVP 2A02E+ U13100000C00 XCA 110000 DCT 7 0004 040200022552 TRA 0+02E. CVP 2A02E+ 040000130963 ADD 400=0T 060100022551 XCA 110000 050000022552 5UB 4202E-076000000003 SIR 0+0002 005500000004 DCT TRA 0+02CK STO 6102E-060400022546 \$TI 6402E0 060400022546 014000022512 22320 060100022544 TUV 1-02E+ TRA 0+02E+ CLA 5002E-056000022556 LDQ 5 02E+ 002000022350 SSP 7 0003 076300000000 STU 6102EM 076100000000 SIR 0+0004 060100022551 22330 ST1 6402EU 040000130063 ADD 400+61 050000022552 6102ER STO 5002ER 720001 6102ER ARS LLS 710000 NOP 7/0000 sto 176500000000 050000024635 CLA 50020+ C05400000010 002000022557 005400000002 002000022314 22340 G76300000000 TRA . 0+02E+ 0400C0130063 LRS 7V0000 014000072512 TRA 0+02CU 050C03072545 LLS 710000 050000021550 RFT 0+0002 TRA 0+02C+ 22350 ADU 400=0T 005400000010 RFT 0+0008 040000130063 50028tov 1-02F# TRA 0+02F CLA 5002EN FFT 0.0008 CLA 5002+0 STO 61028 060100022336 \$10 6102C+ 076700000001 002000072373 TRA 0+02C+ 002000022557 005500000010 SIR 0+0008 005700000010 060400022546 STI 6402E0 060400022546 050000022552 CLA 5002E-050000022552 076000000002 CHS 7 0002 076000000002 22360 060100027557 STO 6102E-040000130063 22370 ADD 400=0T 050000022552 CLA 5002E-RIR 0+0008 077100000001 4RS 720961 \$11 6402F0 060100022552 \$19 6102E-002000022425 7 4 0 0 0 1 TRA 0+025 5002F-CHS / 0002 ADD 400=01 040000130063 ADD 400±01 04410002254 LDI 4002 002000022557 060100130053 076000000000 \$10 610=01 060100322556 \$10 6102E+ CLA 5002E-005400000004 CHS 7 0002 00200CU22332 4RS 7Z0001 005400000002 410260 040200022547 0056000000001 002000022435 22410 RNT 0=0001 050000022552 CLA 5002E-060100022547 TRA 0+02D+ 0=0004 TRA 0+020 RFT TRA 0+02DE Sua 056000022555 LDQ 5 02E+ 04020013G063 060100022552 STO 6102E--010000022455 -0120000224 016200022425 002000022354 016200022354 TMI J+0200 U76000000002 TUP 1502C+ 002000022557 TQP 1502DE 0055000000002 TRA 0+020+ 060400022546 ARS 720001 050000130063 22430 SUR 420=01 050:100024365' CLA 5002LV CHS 7 0002 060100022550 STO 6102EQ SIR 0+0002 050000024636 CLA 50020+ ST1 6402E0 013100000000 TRA 0+07E+ -075400000000 PAD P+000 STO 6102EP 022100022550 UVP 2402EQ CLA 500=01 076300000003 013100000C00 XCA 110000 110000 A DY LLS 710003 056000322547 LDQ 5 025P 016200022463 TUP 1502DT U76300000000 LLS 770000 002000022473 076000000002 CHS 7 0002 016200022473 060100072552 \$10 0102E-050000024365 002C00022557 TRA 0+02E+ 034000022550 050000024356 CLA 5002L+ 002000022501 056000022547 LDQ 5 02EP 002000022501 22450 -012000022462 22400 050000022552 TQP 15020, 002000022557 TP1 0+02E# 0 .00000001 TRA 0+620, 01400002 306 TOV 1-0766 050000022552 CLA 5002LV 050000022552 CLA 5007E-040000022552 CAS 3-02EQ 077100000001 ARS 720001 060100072552 TRA 0+02EL 060100022552 CLA 5002E-0760000000002 TAA 0+02E1 040000130063 ADD 400=01 002000022557 22470 04 02 00 1 3 0 0 6 3 51'8 420=01 013100000000 STO 6102E-002000022354 TRA 0+02C+ 040000130063 CHS 7 0002 050000024636 22500 050002 CLA 5002E-002000022557 TRA 0+02E+ 07670007 0901 ALS 7X0001 ADD 4002E-077100000001 A^S 720001 040000130063 STU 6102E-060100022552 STU 6102E-014000022526 XCA 110000 014000022512 002000022557 0+02E4 ARS 72000 076300000000 LLS 770000 050000022552 CLA 5002E-060100072552 22510 ADD 400=0T 002000022557 TRA 0+02E\* 027051001504 TOV 1-02E+ 050000024637 CLA 50020+ 0+02E+ 22520 050000022552 056000022552 GLA 50020+ 000000014154 HTR DDAY ADD 400=01 007400~13672 TSX 0(0J\*= 002000021023 TRA 0\*028C -001041232550 STU 6102E-002000022557 TOV 1-02EF 100002022540 5002E LDQ 5 02E-000000024205 076300000000 LLS 770000 007400413472 TX1 9022E-000345171067 STO 6102E-100000022543 0+02E+ 2YR0=4 HTR 0002K5 027051001505 2Y90+5 -000104123257 -14+++ C05700000002 2780+4 276000000002 CHS 7 0002 -002102465330 006102465330 TCOB 0/20\$H 060100130063 22540 00000000000 000345171067 03N+8X 000000000000 HTR 000000 050000021563 CLA 5002+T 007400403631 TSX 0(0-+1 \*(LO)0 \*2T TX1 8002EL 000034517106 HTR 001RZ6 HTR 000000 -001041232560 22550 -8JCEQ -8JCEQ 060400024576 STI 6402N+ 010000021701 TZE 1002+1 000000 ESNT -A208H 040000024346 ADD 4U02L0 100003022602 HTR - 8JCE 513 610=0T HTR 001RZ6 044100024576 LDI 4JU2N+ 050000074222 CLA 5002KB 000000024570 -8JCE 060100021563 \$10 6102+1 027051001537 050000024377 CLA 5002L 060100024570 22560 STO 6102NY 060100130055 RIR 0.0002 CLA 5002L • 000000024570 \$10 610=0\* 000000024640 ANA L+02+5 007400413672 TXI 8032F2 2YRG+ 027051004053 2YRG-\$ 007400406664 050000024364 CLA 50021 U 027051004053 000000014154 HTR 000:J+ 007+00413472 000000024167 HFR 0002JX 100000022620 22600 100007027607 HTR 0002U-HTR 0002NY 050000026570 CLA 5002NY 053400121756 TSX 0(0J+= 007400406664 TXI 8022F7 050000022546 007+00 TSX 0(0J)= -077300000022 RQL P,000B 063400221702 SXA 610B+2 TSX 010-W0 056000130066 LDQ 5 0=0W TSX 010-NU 060000022554 STZ 6002E+ 5002E0 TSX 010-WU 00200021701 CLA TXI 8002F+ 060000027546 STZ 6002EU 050000230303 22620 -050000130065 -07650000002 05600. LDQ 5 0=0m 010070022642 T7E 1002FK -050000130065 CAL N00=0V 050000024346 CLA 5002L0 0055000002U0 SIR 0+0020 062100022660 LXA 510##0 -060000130065 STZ 6002E • LGR PV0008 050000 CLA 500033 073700100000 PAC 700800 077400200000 AXT 710400 STQ 000=0V 177766121673 TXI \*\*k\*\*, 075400200000 PAA 7\*0+00 TZE 1002FK 044100024576 LDI 4J02N\* 060000224404 ADD 4002LU 060400024576 STI 6402N\* 062100022667 640=0 m 010K+1 050000130066 GLA 500=0W 040000024351 005700000100 KIR 0+0010 053400424361 LXA 510KL/ 060100024364 22640 \$10 6102LU 053500221702 22650 STA 6A02F1 LAC 5.08.2 ADD 4002LR AXT 710+00 ST2 600RM4
-062500024454 040007224404
ST1 0F02M+ ADU 400RM4
177777227654 060000024376
TX1 \*\*\*BF\* ST2 6002L\*
TX1 \*\*\*BF\* SXU U108G\*
100003022720 027051004147 600R44 STA 6402F AXT 710+00 -062500024454 STL 0E02M+ 177777227654 TXI +++BF+ 050000136655 CLA 500=W\* 010000022674 077100000005 014000023577 TOV 1-02\*\* 044100024576 014000022662 22560 060100224404 10V 1-02FS 050060022667 ARS 770005 200001422656 TIX +01KF+ STO 6108M4 005400000400 CLA • 50 3W+ 002000022737 22670 03000022667 CLA \* 50 2FX 077400100000 AXT 7(0800 050100024570 STU 6102NY TRA 0+020 1002F1 LDI 4J02N+ RFT 0+0040 06340C122736 SXA 61046\* 050000124404 060000024455 512 6002M\* 007400403631 050000024455 CLA 5002H# 060000024570 040000024346 ADD 4007LD 000000024641 22700 STO 22710 000000024570 TSX 010-+1 027051004147 2YROJP 100000022734 HTR 0002NY 050000024455 CLA 5002M+ 500 + M4 8032G+ 2YR0.IP 000000024214 HTR 0002K\* 17777712735 TXI •••#G• 07740040000 AXT 710-00 377776472745 TXH •••KGN 2YR0.IP 00020J 000000014154 HTR 0001J+ 027051004147 007400413672 TSX 010J++ 100002022725 fx1 8022GE 007400413472 TSK 0(0-MU 077400177/67 ANT 7:00-X 044100024576 LDI 4J02N+ 100007022762 CLA 5002M+ 377776122705 1XH +++4G5 CLA 5002NY 22730 007400406664 2YROJP 060000424404 \$TZ 600KM4 177777422754 1n' •••KG• TX1 8002G1 056000424404 LDQ 5 04M4 060100024376 SXD 01086\* 005\*00000400 TSX 0(0-WL 053500427050 LAC 5\*0KYW 040000024376 01011= 100001422742 TX1 801KGK U04000022776 U500U0424404 CLA 500KM4 007400413672 22740 0.0040 RFT 0.0040 027051004177 22750 000000074230 HTR 0002\*\* MDD 4002L\* 000000014154 HIR 0001J\* 007470413472 STI) 6102L+ 050000024252 CLA 5002KS TXH \*\*\*KGN 060100024262 15X 0[0]+= 607400406664 TSX 0[0-WU TXI 8022GS 050000027047 CLA 5002YP 2YROJ4 00740040666 040000024346 ADD 4002LD CLA 5002YP 007400413672 5T1 6102KS 076000000142 010-W 027051004177 2YRGJ+ 000000024242 HTR 0002KK 10000202300 7X1 8022H 22110 100000622773 050000024354 002000023015 TXI 8002G. CLA 5002L+ 050000024262 CLA 5002KS SLN 7 061K TRA 0+02H= TSX 01934= 007400406664 CIA 5002 077100000004 ARS 720004 510 6102KS 062100023042 \$14 0402#\* TS 010-HD 050000024222 DEA 5002KB HTR 0001J+
007400413472
TSX 0(0J)=
-010000021240 HTR 0002KK 100000073014 TXI 8007H\* 07740010000C CLA 5002KS 027051004210 ADD 4002L0 050000024355 2YROK8 007406406664 23010 010-W 50021 . -032000024346 044100024576 050000024352 CLA 5002L-063400423523 SXA 610K+C 060100024353 570 610216 050000130056 (05700000300 060400021576 07740010000C AXT 710900 050000074565 CLA 5002Nv 056300130057 LDU 50+0+ -077400709013 AXC P1G+0= LDI 4JUZN• C4OZONOZ463Z SUB 4ZOZU+ U14007OZ3044 RIK 0+0630 073400400000 STI 6402N+ UL0000023520 1.0210 1002#-050000024632 CLA 500204 23030 PAX 710-00 -062500024454 STL UE02M+ -U73400400000 5XA 610K+C 014000023601 TOV 1-02+1 073400400000 CLA 500+0k 0=C 00024460 110 6102M0 710-00 1002 • 4 U20060024353 HPY + 20 2L\$ 063400423226 23040 TOV -02HM 050060024353 6402HJ A X C P(U+04 077490400904 AXT 710-04 063400424371 SXA 610KLZ 364413124363 23050 063400423111 CLA • 50 2L\$ 073700100000 PAC 7•0800 050060237067 AXC PIG+0= 050000130066 5XA 610K19 P10-00 610K+F -077400200014 AXC P10+01 014000073075 063400424402 063400223112 SXA 61081+ 077100000006 300000423072 TXH 400KH= -062500024454 23060 CLA 500=0W 060000024357 STZ 6002L+ 5.10KM2 616417 VO2000023212 IRA 0+02+1 U601 324357 STO 61021\* 06 34004 243 7 1 SXA 610KL 7 23070 040000024357 STZ 6002c-L7777/23103 TXI \*\*\*813 ST: UFOZE-072000024402 DVH 2+02#2 TOV 1-02H+ 01'1000000000 CA 110000 CLA . 50 CYX 770006 -075400000000 PXD P+0000 14000023601 £3100 200001423073 LLS

4 4

12F • 1552 554 12E+ 004 =0 T 2D∙ 100

050060237067 040200024403 CLA • 50 CYX SUB 4202M3 015000023125 -062500024454 TOV 1-021E STL 0602Me 040060024353 01400023601 013100000000 014 000073120 XCA 110000 020000024400 MPY 2002M0 012000023141 10V 1-021+ 076300000001 LLS 710001 016200023142 TQP 15021K TUV 1-02-1 TUV 1-021+ 002000023143 016200073143 TRA 0+021L TQP 15021L 01310000000C -06206024353 LOQ + 5 2LS -075400000000 PXD P+0000 013100000000 ADD + 40 ZLS 034000030053 CAS 3-0305 044100024576 TPL 1+021J 076100000000 NOP 7/0000 007400723376 TOV 1-02-1 076300000000 LLS 7T0000 014000023160 -032000024350 ANA L+02LQ 076000000003 SSP 7 0003 050000030053 CLA 50030\$ 005400001000 23150 -062060024353 SLQ = 0+ 215 -062500024454 STI 0602M-J02000023173 TRA 0+021, 005500002000 SIR 0+00040 -2000( 423+60 TNX 01K) U14000073601 TOV 1-02+1 763404624402 SRA 6)0KM2 040200024401 SUB 4202M1 XCA 110000 077100000005 AKS 720005 XCA 110000 040000024401 ADD 4002#1 ~012000023175 SSP 7 0003 014000023577 LDI 4J02N= 060100024401 STU 6102M1 002000023204 RFT 0+0080 177777223166 TXI +++BIW -062500023375 TOV 1-021 044100024576 LDI 4J02N= -200001423210 010=-050060024353 CLA + 50 2L\$ 002000023234 01400023577
TOY 1-0200
200001423114
TIX +01kT
002000023112
TRA 0-0218
177776123214
TXI -0044
0053400124363
LXA 51004LT
002000023072
TRA 0+024
00200002346
TRA +0240 AKS 720005 005-00002000 RFT 0-00+C 044100024576 23170 -01/000023175
TM1 J+0210
060400074576
STI 6402Ne
05340C-24363
LXA 5100LT
060100024400
STO 6102M0
052200023112
XEC 5B021e
-034000024362
LAS L-02LS TRA 0+02+4 STL 0E02.\* 060400024576 STI 6402N\* 052700023041 TRA 6+02+1 TNX 01K+8 002 000023234 TRA 0+02+1 -0625J0024454 23200 LDI 4JOZN+ 053400424371 LXA 510KLZ 0Z0060024353 HIR 0+00+0 052200023042 STL 0E02.\* 014000023217 23210 052207023042 XEC 5BG2HK 050000130054 CLA 570=0 -063400223302 SXU 0108-2 002C00023367 TEC 5802HJ TOV 1-07+\* 077400400174 STL 0E02M+ -300000423460 23220 077400400174
AXI 7(0-16
053400224371
LXA 5108L2
060100024373
STO 6102L016200023301
TOP 1502-1
060100023457
STO 610210400.\*\*0024401
ADD 4002\*\*1
052200023112
XEC 58021\*\* PAC 7+0800 -063400223365 SXD 0108.V 002000023367 TXL YOOK) 177770223240 TXI \*\*YB+-076500000000 23230 063400423111 SXA 610K19 23240 050060324353 002000023246 TRA +02+0 050060024353 CLA + 50 2L\$ 060100024134 STD 6102J3 014000023274 TOV 1-02+1 050000024401 CIA + 50 2L8
23250 052200023112
XEC 580214
23260 -010000023263 SUB 4202M1 060000024401 STZ 6002M1 01620C023263 LAS L-02LS 060000023457 STZ 600Z1 • 00Z000023301 TRA 0+02.x -032000024350 ANA L+02LQ 050000023457 TRA 0+02.X 034000030053 CAS 3-0304 040000024632 700000 016200023301 TQP 1502.1 044100024576 TQF 1502+T 007400723376 TSX 010=... 177777223302 TXI ===B.2 056000024373 TRA 0+02-1
05000024134
CLA 5002J)
377566223253
TXH ++13+8
034000030053 ADD 40020+ -062500024454 STL 0E02M\* 060000024401 STZ 6002M1 -01000023320 CLA 50021 • 07710000 r 05 ARS 720005 060100023525 LDI 4JO2N+ 014000023577 TOV 1-02+ 050060024353 J002+1 7NZ J002+7 23270 005400001000 RFT 0=0080 23300 060100024401 STD 6102M1 050000024401 060100923525
CLA 5002M1 JTO 6102\*E
016200023356 016200023356
TOP 1502.\* TOP 1502.\*
007400723407 076500000006
TSX 010=17 LK5 770006
-014000023336 -G12000023344
TMD J-02.\* TMI J+02.\*
012000023345 -075400000000
TPL 1\*02.\*N PXD P\*0000
044100024576 0055400001000
LD11 4.020\*\*N RFT 0\*0008 STD 610241 23310 -032000024350 XEC 58021\* 016200023320 CLA • 50 2L1 034000030053 CAS 3-0305 005400001000 RFT 0+0080 0401/J024353 ADM + 41 2LS 002000023345 TRA 0+02-N 076000000003 -010000023320 TNZ J002+ 022100023525 DVP 2A02\*E 050000030053 CLA 500308 056060024353 LDQ \* 5 2LS ANA L+02LQ 23320 05600024345 L/Q 5 02LN 23330 020000024373 MPY 2002L LDQ 5 02L, 044100024576 LDI 4J02Ne 076300000006 TQP 1502.+ 076C00000012 DCT 7 000+ -012C00023344 TRA 0+02.+ TSX 0105)--032000024350 ANA L+02LQ MPY 2002L, 23340 034000030053 CAS 3-0304 23350 -062060024353 LLS 7T0006 050000030053 CLA 500308 013100000000 ANA 1.+02LQ 013100000000 CA 110000 07710000005 TMI J+02-M 076300000000 LLS 710000 014000023357 23360 -0625060224554 \$1Q = 0 - 21.8 23360 -062500024454 \$1L 0E02M= 23370 063400223112 \$XA 610818 23400 014000023401 TUY 1-0211 23410 020060023452 ACA 110000 040000024401 ADD 4002ML 050000024371 CLA 5002L2 077100000004 SSP 7 0003
014000023577
TOV 1-02\*\*
040200024346
SUB 4202L0
-062500024454
STL 0E02M\*
07650000006
LRS 7V0006
-062500024570
HTR 0002000
PXD P\*0000
PXD P\*0000
062100024353
STA 6A02L8
012000023037
TPL 1+02M\*
0340000027056
CAS 3 02Y0
060100024555
STU 0E02M\* RFT 0+0080 17777/223365 TXI +++B.V TSX 010=.\* 377566223307 TXH \*\*#B.7 ARS 720005 -053400223302 LXD N108-2 LDI 4J02N\* TOV 1-02. 060100024401 STO 6107M1 002000023236 TRA 0+02++ -077400200001 AXC P(0+01 040000024401 ADD 4002M1 076000000012 DCT 7 000+ -012000023344 TXH \*\*MB.7 002000223207 TRA 0+08+7 01400002 501 TDV 1-02\*1 007400623452 TSX 0(0S)-060100024570 570 61021Y 007400414167 TSX 0(0JJX 000000024570 060100024371 \$T0 6102L7 076000000003 013100000000 020060024353 MPY • 20 2 \$ 056360024353 L00 • 5 2L\$ 076300000006 110000 002000700006 TRA 0+0Y06 020000024373 077100000004
ARS 720004
06010024570
STO 6102NY
04000024570
ADD 4002NY
027051002365
2YR0CY
060100024570 SSP 7 0003 022100023525 DVP 2A02+E 014000023601 020060024353 23410 MP? + 20 2Ls 014000023421 TOV 1-021A MPY 2002L, 063400423450 SXA 610K10 100001023441 TXI 80121J LLS 710006 007400403631 TSX 010-+1 027051002366 014000023601 TOV 1-02-1 000000024642 HTR 0002UK 100002073447 TXI 8022IP 056000024643 LDQ 5 020L 062100023073 STA 6A02H, 053400423523 LXA 510KC 002000023505 TM1 J+02.M 234 -100003023455 .x1 80321 • 000000024570 000C00024570 HTR 0002NY 027051002370 2YR0CY 022100023457 DVP 2A021\* 062100023114 5TA 6A021\* -200001423476 TNX UIK)\* TSX 0(0JJX 000000024570 HTR 0002NY 014000023456 TOY 1-0210 053400124363 LXA 5104LT 177766123036 TXI 004440 050000024570 CLA 5002NY 000000000071 000000024632 HTR 00020+ 002000600001 060100024570 STO 6102NY 002000023337 TRA 0+02.\* 050060024353 GLA \* 50 2L\$ 00023526 0+02\*F 050000023517 0002NY 23450 07740040000 AXT 710-00 23460 077400200000 HTR 00000Z 0' -100024-76 LDI 4J02Ne 060400024576 TRA 0+0 01 050060024353 CLA • 50 2LS 005500004000 AXT 7(0+00 00540000400 RFT 0+00 177766123501 TX1 ++Mt+1 23470 002000023510 TRA 0+02+8 002000023037 TRA 0+02He 010000023534 776 1002+1 STI 6492N+ 050000024354 002000023505 TRA 0+02+5 050000023517 GLA 5002++ 002000073507 TRA 0+02+7 040000024632 23500 050000024355 CLA 5002L+ 060100023517 CL# 5002\*\* 050000024361 CL# 5002L/ 077490100012 CLA 50021+ 0000000000000 HTR 000003 050000024455 062100023042 STA 6A02HK 060000023523 23510 CLA 5002\*\* 0000000000001 HTR 000001 002000023501 ADD 40020+ 000000036443 HTR C003UL 005700004000 STO 6102\*\* 175051460000 TXI •QROOD 060400024576 23520 AXT 7(080± 060100024455 STO 6102M= 000000021572 STZ 6002+C 040200024632 TRA 0+021+ TZE 1002+1 007400426441 CLA 5002H+ 100005023546 23530 00200023501 TRA 0+02=1 00000021570 4TR 0002=Y 07670000022 ALS 7X000B 007400414014 TSX 0103=1 00200021023 TRA 0+028C 0000002476 STI 6402N\* 000000024262 HTR 0002KS 007400426067 TSX 0(0K X 027051004567 007400426441 TSX 010KUJ 044100024576 LDI 4J02N+ 100003023563 TXI 8032+T 000000024772 100005023546
TXI 8052+0
0020000212+0
YRA 0+02+027051002+72
21R00+
007400413472 RIR 0300-0 000000030303 HTR 000333 062200030047 SUB 4202G+ 027051002462 J002H4 000000021573 HTR 0002+, 050000024262 CLA 5002KS 000000024575 23540 HTR 0002\*\*
063400223574
SXA 6108\*( 2YRODS 23550 000000000200 062200030047 STD 68030P 100001023567 TXI 8012\*X 077400200000 AXI 7(0+00 000000014154 HTR 000113\* 010000073623 TZE 1002\*C 0020000073673 TKA 0+02\*C 063400124130 SXA 0+00\*JH 007400411722 TSX 0(00+8) HTR 000020 23560 00000024566 HTR 0002NM 027051002474 2YRODI 007400413672 TSX G(0J== 100000023613 TX1 8002== 00000024575 HTR 0002N9 076000000162 SWI 7 0015 100002023606 TXI 802296 027051004603 HTR 00030P 100000023572 2YRONX 044100024576 DI 4J02N\* 1000024613 HTR 0002K= 002000021240 TRA 0+C24-050000024454 23570 050000024346 CLA 5002L0 007400406664 TX1 8002\*\* 060100023630 TRA 0+028C 027051004603 2YR003 050000023630 23600 MI 00024615 MI 00020= 044100024576 LDI 4J02Ne 750000024354 STO 5102+H 007400413472 CLA 5002Me 005400000100 RET 0+0010 06000023630 TSX 010-WU 002000023625 23610 2YR003 002000023623 THA 0+02+C 053400121750 LKA 5104+Q CLA 5002+H 042000023624 HPR 4+02+D 063400224127 TSX 0(0J) \* 005400000200 8002\*\* 002000023622 TRA 0+02=B 063400424131 TRA 0+02+E 002000072407 TRA 0+0207 027051002532 23620 RET 0+0020 CLA 5002L • 007400413716 15X 010J • 050000024572 577 6002+H 100001023641 053400121750 LXA 5)04+Q 007400411722 T5x 0(0J+R 007400411722 T5X 0(0J+R 053500721702 LAC 5+00+2 SXA 610BJG 050000024364 CLA 5002LU 000000 610KJ1 2YR0E+ 050000024573 CLA 5002N, 050000130066 TXI #012+J 000000003211 HTR 0000+5 007400411722 TSX 010J+E 950000024565 CLA 5002NV 050000130056 23640 CLA 500-0T 050000130063 CLA 500-0T 062100023524 STA 6A02-0 007400412032 007400411722 TSX 010JeB 007400411722 TSX 010JeB 073700200000 PAC 7e0+00 053400121750 CLA 5002LU 050000130055 CLA 500+0+ 075400200000 TSX 010J+B 007400411722 TSX 010J+B 040000024352 23650 CLA 500×0+ 0621000'3765 STA 6A02+V 050060200000 500=0H 062100023667 STA 6A02+x 007600411722 23660 050000200011 CLA 500+09 050000130055 LAC 5+0B+2 -012000023675 TM1 J+02++ 100003023707 ADD 4002L-002000023666 TRA 0+02+W 000000024570 7+0+00 23670 050000200000 CLA 500+00 027051002573 TSX 010J+B 06010002+570 STO 5102NY 060100024571 CLA + 50 +00 007400403631 TSX C(0-+1 007400403631 CLA 500=0 050000130053 CLA 500=01 TSX 010J++ 000000024633 510++0 23700 000000024570 HTH 0002NV 000000024571 27R0E. 027051002570 27R0E. 000000024223 HTR 0002NY 000000024571 HIR 00020. 7 K I 8032 . 7 CLA 500-01 0074C0413672 23710 100003023717 \$10 610242 100002323724 TXI 803200 000000014154 HTR 0002NZ 007400413472 TSX 010J1= 000000024306 TSX 0(0Je= 100000023731 HTR 0002NZ 00020-007400406564 HTR 0001J+ 007400413672 TSX 010J++ 2YROE+ 060000021563 HTR 0002KC 100002023737 TXI 8022\*\* CLA 5002+1 027051004624 15x 0(0-W) TX1 8022+C 23730 027051002602 TKI 8002+1 050000024364 CLA 5002LU

ZYRUOD

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15(10x

2 YRGHU

HTR 000000 24610 -340574010067

24620 -117524602163 RED AT

24630 027051003064

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HTR 000000 -332601043310

-204346236073

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HTR 000000 343460606060 TXH )}

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-204421676060

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TXL (37H A 007400404001 TSX 010--1 000000000000

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2000000000001

-233123236046

027051005063

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17F 100000 0000000000000

HTR

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114547606160 >206264446060 TXH TNP TNX SUM 0000000016000 0000000004

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2YROHT

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HTR 000006

HTH 000005

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2650 6232364 TNX W 0000

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000001

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HTR

**24670** 00000000002C 000000000010 000000000040 0000000000400 000000000000 00000000000 -3403033306051 252124232360 TIX FADCC HTK 00000-204546604751 HTR 000040 256225456333 TIX ESENT. TXL {33H R 303145477331 TXH HINP, [ TIX EADCC 017301677321 00000+ 000008 HTH 900000 -210130013460 NO PR /1H1) (012.3 016773023101 310334732606 TXH 131,F6 252124706023 -342103733101 TXL (A3,11 -202321512460 047302310373 -331174016773 330634606060 -331131037326 063306732104 1x,211 310134606060 TXL ,9(1X, TXH .6) -064563514643 TXL ,913.F 6.6,44 206060606034-24720 -330331037302 TXL , 313,2 24730 -340426113305 TXL (4F9.5 24740 236360214524 TIX CT AND ONTRUL -075146472551 PROPER 1XH 111 346060606060 (20H1R FADY C INX CARD TNX TNX ) -202346515125 +MA -204446242573 TNX MODE-TXL (20H1R -340407300154 TXL (47H1+ -116333346060 -203145476463 746060606060 TXH | -205125626321 THX MOUE, 025254000002 TNX CORRE 000000014154 10000c024751 1X1 8022PR 00740U413672 060000024576 STZ 6002N+ 100002024757 TXI 8022P+ CC7400406664 2-•002 000000024715 01010= 000000024722 HTR 0002PB 060100324650 007400413472 TSX 0(0J)= 007400406664 007400413742 025254000003 24750 000000014153 00740040666 HTR 0002P# 060100021574 510 6102+1 HTR 0001J\$
00740G406664
15X 010-WU
U07400406664 TSA 010J+K U60100024651 2-003 TSX 010-WU 24760 TSX 010-WU 007400406664 \$10 6102+377 060100021577 \$10 6102++ \$10 6102\*1 060100021600 \$10 6102\*0 TSX 010-WU 007400406664 610200 010-MU 61020R 007400406664 TSX 010-WU 060100021576 060100021575 6102 • • STO 6102\*\* 0 ( O - HU TSX 010-WU 007400406564 TSX 0(0~HU 007400406664 060100021601 \$10 4102+1 060100024652 060100021602 STU 6102+2 060100024361 060100021603 \$TO 6102+3 060100024600 007400406664 25000 007400406664 007400406664 060100021604 TSX 010-WU 007400406664 \$10 6102+4 060100021573 TSX 010-WU 00740046664 15X 010-WU 007400406664 25010 STO 6102\*, 010000025030 TSX 010-WU 007400406664 "SX 0(0-MU 040200024654 SUB 42020+ C60100024576 61020-OLU-MU STO 610217 TSX 010-WU 007400413520 STO 610200 060100024653 050000024650 CLA 50020Q 040000024664 002000025242 25020 060100021572 STB 61020\$ 010000025036 TSX 010-WU 040200024663 TRA 0+02-K 100002025043 TSX 0(0J++ 050000024576 TZE 1002QH 007400403710 25030 050000024653 01000025036 TZE 100206 000000024663 HTR 00020T 012000025054 TPL 1+0206 010000025064 500208 SILH 420201 5002N# ADD 400200 6102N+ 010-48 050000024651 CLA 50020R 002000025230 040200024665 SUB 42020V 050C00024651 010000025047 TZE 1002CP 040200024666 000000021604 012000025053 05000002465 25040 CLA 50020R -013000025070 2 - 00+ hTR 0002#4 010000025054 TPL 1+029\$ 010000025074 25050 SUB 42070S 050000024651 TEE 100200 040200024667 TRA 0+02-H 012000025100 CLA 50020H 050000024576 SUB 42020W 0400G0024670 12E 1002Q1 060100024576 TZE 10029U 060100024576 500208 SUB 42020X 1+02RU 5002N= 400201 STO 6107N\* 056000024576 060100024576 25070 050000024576 040000024665 002000025103 0+0000024671 002000025103 CLA 5002N+ 050000024576 ADD 40020V \$10 6102N+ 060100024576 TRA 0+02R3 050000024655 CLA 5002N+ 04020C024652 ADD 400202 -010000025111 STO 6102N# 0500 10024576 CLA 5002N+ 040000024673 25100 STU 61024\* 050000024600 CLA 500200 100002025126 5002N+ ADD 40020= 50020 SUB 42020--010000025116 TNZ J00289 OCA. 40020 060100024576 060000024574 STZ 6002NI 007400413742 040200024663 SUB 420201 025254000060 002000025157 020000024665 25110 056000024600 MPY 20020V TNZ J002R+ 000000014153 TRA 0+02R+ 000000024730 LDQ 5 0200 053500424656 LAC 5+0K0+ STU 5102N+ -060000024656 000204 010JeK 8022hF 2-000 HTR 000115 0092PH 510 00020 131 9100001 540 01048 AXC P(0801 1777774 41 -063400425154 TXI ==\*XRJ SXD 01048\* 007400406664 TSX 010-HU -077400100001 177777125135 TXI \*\*\*\*R\* -040000025143 007400413520 TSX 010J++ 007400403710 060100124470 STO 610#MY 075400124470 PXA 7\*0#MY 300000125132 TXH H00+R+ 062100025151 053500424656 LAC 5+0KD+ 100002025153 25130 25140 PXA 7.0+MY 177777125154 STA 6A02RF 050000024662 AYC P10301 000000024663 MODZEL 6402PP 007400413672 060100024574 00000000000 300000125143 HTR 000000 025254000100 2-001 HTR 00020T 000201 H00#RL CLA 500205 007400406664 500205 6102N TSX 0(0Je= 000000024705 050000024576 050000024651 25160 TXI 8022RL 050000024652 CLA 50020-HTR 0001J: 050000024361 HTR 0002P5 CLA 5002N+ 050000024600 TSX 010-WU 007400406664 CLA 50020R 050010021573 TSX 0(0-WU 007400406664 25170 00:400406664 50021/ 500200 50020 15X 010-WU TSX 010-WU TSX 010-WU 007400406664 TSX 010-WU 050000021574 050000021571 25200 050000021572 050000021575 TSX 010-WU CLA 5002+Z 050000021577 TSX 010-WU TSX 010-WU CLA 500200 050000021601 CLA 5002\*{
050000021600 15X 0(0-WU 007400406664 5002 = 1 C ( O - MU 5002\*\* TSX OLO-MI 5002 • 0 TSX O CO-WU CLA 5002#1 007400406664 TSX 010-WU 100002025235 050000021603 CLA 5002+3 025254000101 007400406664 TSX 010-HU 000000014154 050000021604 CLA 5002+4 000000024732 007400406664 TSX 010-WU 007400413472 25220 050000021602 007400413472 002000025257 CLA 5002+2 007400413672 TSX 0(0J)= 050000024660 CLA 50020 TRA 0+02-+ 007400405642 25230 TXI 8022-025254000101 2-011 007400405652 0101+ HTR 00014 000224 01041\* 025254000102 2-0012 000000056722 007400413672 100002025247 TXI 8022-P 025254000102 000000014154 HTR 0001J= -112521242360 100000025242 000000024678 007400413472 TSX 0(0)== 100000025254 TXI 8002-+ HTR 00020+ 100000025764 TSX 0(0J)= 077400177472 050000024660 25250 TSX 010-0K 044100025263 CLA 50020 077400456722 AXT 710NXB 063400125257 HTR 0005XB 060400025Z63 STI 640Z-T 062100025U35 READC 8002-11 000000100000 HTR 000800 062100025033 CC 34C 0425254 SXA 610K-+ 06210U025066 063400402652 25260 002000400001 063400425260 LDI 4J02-T 050000400003 TRA 0+0-01 062100024743 5XA 610-F-062100025064 SXA 6)0K-G62100025070 25270 STA 6A02PL 062100025076 STA 6A02Q+ 062100025202 STA 6A02Q+ 062100025102 STA 6A02QU 062100025106 STA 6A020W 062100025110 STA 6A020Y 062100025164 STA 6A02RU 610#-500-03 6A020 062100025074 STA 640201 062100024764 STA 6AU24. 062100025100 STA 6A02R0 STA 6A02R2 062100024766 STA 6A02R6 062100025204 STA 6A02RU 062100024770 6402R# 25310 050000400004 050000400005 050000400006 CLA 500-06 062100025212 STA 6402PU STA 6A02-2 062100024772 STA 6A02P= CLA 500-05 062100025210 514 6402PW 050000400010 STA 6A02-4 062100024774 STA 6A02P1 CLA 500-04 062100025205 050000400011 25320 CLA 500-00 062100025216 STA 6A02-0 STA 6402-0 062100024776 STA 6A02-8 062100025000 STA 6A0200 CLA 500-07 062100025214 STA 6A02-# 500-09 062100025220 STA 6A02-+ 050000400012 062100025002 STA 6A02Q2 050000400013 25330 6402P+ 6A02-1 500-0# 050000400014 CLA 500-0\* 073400100000 062100025272 STA 6A02-B 063400125133 SXA 610+#. 050000400015 CLA 500-0\* 063400125143 SXA 610\*RL 062100025224 050000400016 25340 062100025004 062100025006 052100025041 STA 6A02Q4 177777712535/ TXI \*\*\*#\$-STA 6A0296 050000400017 STA 6A02QJ 062100025111 STA 6A07-D 062100025156 050000400020 25350 CLA 500-0\* 062100025176 STA 5A02R\* 062100025174 6A02R9 STA 6A02R+ 062100025020 740800 SXA 610\*RL 062100025016 STA 6A02Q\* 062100025116 STA 6A02R\* STA CLA 500-0+ 062100025200 7/0800 062100025012 STA 6A020± 050000400021 CLA 500-0A 062100025172 STA 6A02% 062100025014 050000400022 CLA 500-08 002000024743 STA 6'029+ 002000025545 TRA 0+02+N CLA 500-0A 062100025112 0000000000 25370 050000400023 500-0C 640201 6402R4 6A02R1 0+02PL 000000000014 HTR 00000\* 214725602446 FLX APE DU 0000000000001 HTR 000001 0000000000000 HTR 000000 -202127512525 000000000000 HTR G00000 -206531633060 0000000000001 HTR 000001 234645635146 000000000000 HTR 000000 - 636065214364 00000000000 000000000044 HTR 00000 25410 -340401306063 HTR 000000 256233616160 HTR 000001 256260454663 TNX AGREE -112446471373 RDOP4, -043145137331 ES NOT CONTRO 0/3051.52124 7HREAD -210667730730 TNX /6X,7M -333104730367 310473036773 076773063031 -206060606060 BP+,14 -057144756213 TNX 137331047303 ALS 74,6HI 277306304564 1XH 14,3X, 046160606060 066773073045 25430 -054564443145 LCHO+ NNUMIN 25440 -330630452144 TXL +6HNAH TXI =.14.3 256213733104 TNX X.6HNU 346060606060 MAMES -112521244647 READDP 100001025451 137331047361 076773063045 ALS 7X,6HN 000000003212 -246431457331 -343/67730730 TIX ES=,14 30452' --2562 TXH HNAMES TXH 1 137331043460 TKL (7x,7H 007400413770 YXI \*, 14, / 025543000001 TNX UMIN, I U07400411722 046107677306 4/7X,6 060100025477 TSX 010J+Y 1x1 8012\*\* 06010 275401 2\*L001 007400411766 HTR 0000+4 050000025377 OLOJes 04020002155 TSX 010J+8-010000025477 510 6:02\*1 050000025401 610250 6102 • 0 TSX 0(0J+W 040200021561 SUB 420204 00200002:515 010000025500 050000025400 040200021560 25470 -010000025477 TNZ J002\*\*
25500 007400413672 CLA 5002+0 SUB 4202 • 025543000007 TNZ J002\*\*
000000014154 CLA 5002+1 000000075443 SUB 4702+/ 050600021557 1002+0 00740040666 050000021560 1.4.1 0001J CLA 5002\*\* 007400413672 0103+-8022 +5 20L007 HTR HTK 0002\*L TSX 010-WU 10500-025522 CLA 50079 025543000010 007400406664 15X 0(0~WL 050000021561 CLA 5002+/ 007400406664 007400413472 002000025546 255k0

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26360 050000026135 040200026146 CLA 5002/\* SUB 4202/0 26370 000000026166 007400414775 002010026404 TRA 0+02U4 026437000053 00740/413672 15x 0103++ 000000026120 100002026371 Tx1 8022T2 000000026146 010000026364 TZE 1002TU 100002026375 000000014154 HTR 0001J+ -077400200001 026437000052 20.00-TSX 0[0JP+ 177777226402 TXI +++BU2 TX1 #022T= 311172/26400 TXH \*\*=#U0 20.00\$ 0002/0 06000C026135 \$1Z 6002/\* 050000130302 371227126320 TXH ++G+T+ 050000026134 TXH \*\*G\*T\* -C10000026417 00700U026420 TRA 0+02114 060100026126 053500126126 060000021570 002000026240 060000071570 \$12 6002\*Y -01000C026424 fN2 J092UD 062100026435 \$14 5402U\* 077400200000 \$10 6102/F 050000321572 LAC 5+0+/F 040200036143 SUB 4202/L 002000026442 TNZ J002U\*
04020UU26150
SUB 4202/Q
026437000101 -010000026431 TNZ J007U1 000000026152 HT4 9002/-0500000261 26420 5002 . . 060100021572 000000054242 26430 TRA 0+021/K 100000026450 TXI 8062UQ HT4 0002/-710+00 4 J02 UP 063400426437 5XA 610KU+ 062100C26430 STA 6802U4 063400226442 SKA 6108UK U52100026223 STA GA02SC 063400402652 050000400003 CLA 500-03 060400026447 062100026204 STA 640254 CLA 500-03 062,03026423 STA 6A0311 STI 6402UP 062100026420 SXA 610-F-062100026424 STA 6AC2UD BoZ100026221 STA 6A02SA 1000011265UZ 6A02U+ 378 6A02UC 073400100000 PAX 710800 062109026235 STA 6A02S+ 062100026217 062100026241 STA 6A02SJ 050000400007 100012126500 TXT 60\*\*V0 002000026202 500-07 -1000000000000 27240 0000000000002 00000000001 1000000000001 000000000001 000002 000001 000001 0000000000 27450 00000000000001 -100000000000 -100000000000 000001 000001 STR STR 07740010000 07740040000 044100030005 002000400001 AXT 710806 AXT 710-00 LDI 4JC305 T7A 0+0-01 063400430002 063400139001 002000039001 00600000000 C000000000000 060400030005 HTR 000000 511 640305 000000000000 00000000000 30000 100000030006 063400402652 SXA 610-F-246444447001 AXT 710800 AXT 710-00
063400430002 063400130001
5XA 610L02 SXA 610×01 TRI 800306 063400430016 30010 TA 610L02 SXA 610±01 HURDS 30020 TO 30037 THA 0+0301 HTR 000000 ALL CONTAIN -100000000000 STR Q00000 -100000000000 -10000000000 STR Q00000 STP Q00000 -100000000000 -1 0000000000 000256000014 STR 000000 231463145400 STR 000000 001463146314 0'1'1' 000011000012 02\*00' 346314621400 TXH JT'T'0 TFP Q00000 00000000000 HTM 000000 024000000000 FUH 2-0000 -377.574733000 TAL \*\*(,HD 00000000000000 HTM U00000 250C00000000 TIX +00000 -000611621267 004000000000 TLQ 0-0000 000000000010 30060 -346314631400 TXL (T\*T\*C 000050753412 74H 17170 346314631400 7th 77170 001 20000000 HTR 100000 HTR 00900# -000216246534 -280V) HTR 000008 004000000000 TLQ C-0000 000000000000 010000000000 72E 100000 00000006011 30070 30100 00000000000 TO 30277 2000000 00,0000 HTR 000000 000001000001 -000316122351 HTR 001001 -3\*\*CR 00000000000 HTR 000000 HTR 000000 077350131377 100105131453 7,0==\* TXI 815=\*\$ 000016415470 020000000000 FTR 00+J=Y 000020000020 000000 000000 020000000000 MPY 200000 100224130767 0200000000000 00+00+ 07/350131733 100074132007 TX1 82D=7X -10007413/343 STR Q01=CL 076430127055 7,0=0, -100074133027 880=51 STR Q0(=+7 076430127053 30330 -10007413206? | STR | Q01+1 | STR | Q01-61 | STR | Q01-61 | STR | Q01-630127054 | Q76430127054 | Q76430127055 | Q76430127055 | Q76430127055 | Q76430127056 | Q76430127066 | Q76430127067 | Q76470 | Q STR Q0(\*+1 30340 076430127054 STR Q01\*HG 102322127066 TX1 8C8+YW -100753127105 -100753127067

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30530 076452133233 100221133363 101343133437 -120170133513 -06.77 1133567 -120412133643 -117670133717 -12556133773 858 70--+. IXI 824+.I TXI 8+Lx: -17x= -00x=0 -40x=0 Representation of the control of t -00420 00420 000000030631 7•¥\*Y• -110733127051 R6Y#23 -L00775562735 -000037102521 20000100005 020000000000 R55+28 30570 0200000 1000 HTR 00036\* 000000000000 HTR 000000 145(01134737 001605 U200000000000 MPY 2U0000 067431134607 00000000000000 MPY 200000 30600 065574134533 HTK 606006 965574135013 MPY 200000 071046134663 780±01 -064076135553 6.0 = 3.= -114007136033 30610 -163130135423 31H=+C 14631412706€ R-7= . 140314127074 TXI \*T\*\*YE -111541127061 QAY=/7 H .=/T TXI \*T\*\*Y146314127101 00%C00127103 -105253427106
TXI \*T\*\*Y-113227127062 -113227127063 000000036713 R4U=++ SCHR. U- . . . . 30620 146314127066 000000127067 TAT 17\*YN HTH 000\*YX 30630 -111561127111 -000000127052 00C000127070 HIR 000\*YY -113227127055 146314127073 TXI TT+Y, -105253127056 000000036713 -004Y-30640 000001000005 -c01342703423 HTR 001006 -rNY1C 30650 000000000000 222207403000 C-3870 C204C000000 MPY 200000 C7°367136237 7.x=5e -075667131247 PCD P\*x=4P -00003470311C -01Y18 000020000020 02CC0C070 100 MPY 200C00 U34741136313 U200CC00000C MPY 20000U C0000130357 050000000000 200000 175064:30433 Tx1 •QU=4. 175064:30433 200000130507
Tx1 •QU=4. TIX •00×5/
-006073131657 -106261132063 HTR 000=3+ -073421131453 PDX P3A=+5 000000 30660 052361130713 200000130767 5C/=7= 11x +00=7x 3067C -101772132212 -143424132267 000000131043 -116553131377 HTR 000=HL -105721132623 0=A=FC 152214127160 TX1 =P\*#20 PCD P+X=4P 123732127064 TXI ++++YU -UC0000127101 R/\$==+ 153607127(65 Tx1 ++7+YV -123336127103 TC'A\* - ,=\*\*
152214127072
TXI \*8\*\*Y=
-123245127110 CC0000127066 HTR 000 \*YH -123336127104 \*1L=84 000000127075 TXI ••7¢Y, 30700 000000127074 -00#Z1 -000000127114 -0042\* 020000000000 00900003C767 HTR 00037X 00000000000 000001000001 HTK 001007 00000000000 -000211622751 000020171677 -295GR 00++++ 000020000020 200000132677 T1x +00=f= -125126133717 HTR C00C00 024044133233 FDH • 2-U=+. -125370134253 -\$Y=K\$ 125670127062 MPY 200000 30730 200000132753 T1X +00=G\$ HTP 00+GC+ 02136 133643 2= =+L MPY 200000 023723133163 HTH 000000 065176133437 200000133027 f[x +00=HG 2 • C = 13 -125240134177 ---= J • -125315134123 -125405134527 -000000134403 -125076134457 125050127051 -0 = LG -00=M3 -0=M0 tx1 #Q0#YR 125022127664 000000127065 000009127067 -076671127070 3074C - 0000001 33773 -\$\*\*JC 125670127054 30750 125053127052 125053127060 Tx1 +Qb+Yu -100321127077 Q3A+Ye : 25 \* Y -200\*YV HTR TXI #\*Y\*YS -100021127C74 STR QCA\*Y( G2000C0C0CCC -100026127073 STR 40F+Y, 000024210576 30760 -100321127971 -100066127072 -100066127100 STR Q0##Z0 U200000000000 -100021127102 33A+Y7 30770 00'00130001C 51R Q0%+Y= -000231055130 -215RH 204#22 00038L 020000000000 020000000000 000000000000 HTR 00DA5+ 000020000020 MPY 200000 622631154607 2F1=07 MPY 200000 004747134663 0PP=0T MPY 200000 170727135013 TX1 •7G=Q= PP1 200000 027453135067 21\$=CX HTR 000000 040133135273 201008 31000 000000000000 HT# 00000C 246642350400 TIX DHS+40 200000135757 HTK 00+00+ -121152130303 -9-#33 000000127104 31010 200006135553 -014631130357 JCI=3+ 000003127105 -125562130433 -123255130507 TIX +0U=•• -126472131173 6(J=\$0 -116322131247 -+5=4. 200000127106 TIX +0007 -++=5/ 200000127107 000000127117 -00\*7% 31030 200000127114 TIX +00\*2\* HTH 000#75 -10371412765 Q+\*\*\* RTB= #P 000+24 -113343127061 R.L+Y/ -113304127054 R.4#Y\* U0G000G31117 2000CC12705L 000000127052 -113304127062 1'4 +0u\*YR -112427127066 HTR 000+Y+ -113343127067 000001000011 -000640566414 31040 -000000127664 090013472323 0200000000 927 330000000 927 200000 975611131377 -004YL RDG#Ym 06039+ 02000000000 MPY 203000 0000000000000 02000000000 020000003000 MPY 20000U 050466131733 54M±0. -076136133513 P/exes MPY 200000 200000131603 HTR 000000 066556132063 6V\*±+T -116310133643 31060 Z00000131527 + dOx • G +00=+3 174135127070 Txt •J•#YY 31070 -501143132753 -106136133437 -9L=G\$ 0/0=10 4R T8=+L 174136127076 TX1 • J•+Y• -000000127055 000000127073 31100 013346127072 1.0+Y= 206C00127105 000000127107 174136127110 T1x +00425 HTR 000427 TX1 = J=57P -136726127660 -130726127061 -13672612706 \$7F#Y \$7F#Y 000000127161 HTR 000#21 ~001664127112 31110 -066352127114 -130726127552 01-+2' \$/F+Y--142070127057 000000031173 \$7F #YH 02000 000 0 MPY 20000 000120135 413 -00\$Y\* 000000021400 00039 31120 000001000012 -001353065222 020000000000 აგინინნინნაა 62000000000 MPY 20000 176255134533 TXI +5+=N. 000000000000 HTR 900000 176255135143 HTR 00100# HTR 000210 MPY 200000 177530134177 TX1 \*\*H=J\* MPY 20060C 002220134403 000000000000 HTR 000000 HTR 000000 31140 176255135347 002347137423 TXI 6585P 0CP=+0C 31150 -116454130563 -007225130637 -1263221363C3 -000735130507 00+00+ TRCA OB+=M3 000326135757 03F=++ -124224136107 -#D=/7 066637127067 -1/3366136163 012417127074 012417127073 147211127076 TAT \*= 74Y+ 130103127077 31160 06603712/075 TXI =134Y+ -124552127052 -N-4Y-n20000000000 6 \*\*Y\* TX1 \*=?\*Y\* 31170 -012772127113 -124562127051 000001000013 HTR 00100= 00000000000 -000366070450 -3#740 0000000000000 000000031247 -NS+YR C2U0C00000000 MPY 20100 000000415123 31200 02000000000 MD0 02000000000 HTR 0003\*P HT# 000JRC MPY 200000 057723131247 MPY 200000 MPY 200700 31210 056346131323 056346131657 710=10 550,20 31220 -113261133157 -110705133233 200000 HTR 000000 054776132343 0000000 000000 HTR MPY 200000 040157132257 ADM 41\*\*BX -111170133307 MIK 000000 045762132417 4+5=[.\* 200000133027 TIX +00=HG -111563134047 20000C132677 11X +00=F+ L(HG+ 5P+=CL -110453133513 11X +00=F+ -00000c133773 111666127053 -107614133567 R+/=14 R/5=+.

31230 1116601277.54 111216127054
TX1 9+ 4Y+ TX1 9++4Y
31240 -101232127071 -102044127077 1XI 90 1Y1 -076722127066 -00= 107751127063 Txl 8+R+YT -076722127076 111660127060 1X1 '90 #Y -077534127073 111660127661 TXI 90 #Y/ -0767/212/075 000000127065 HTH 000+YV 107306127064 TX1 8.6+YU -101232127077 HTH 000#YV 000000031423 02000000000 MPY 200000 HTR 0003=C 110623311000 TXI 960180 31250 000001000014 418 001601 PXR4Y0 C20U000000000 MPY 200C0U 050453134177 545\*J0 -600000135477 0500000000000 OL##CU 200000 047742134663 4\*K=01 -141506136033 200000134737 TIX +00=P+ -142743136163 200000135014 TIX +00=Q--142421136313 31260 167662157000 00000000000000 J000201 00020 0556 +0134327 5\*-=LG 1x1 8+5+Y0 31270 054746135143 HTR 000000 054654135347 LCHE 500 = \$P HTR 00+00+ 047677135423 5\*-=LG -0^u00^L35703 +GL=/T 121550127113 5 P() = H L -00=== LEM: 590sHL LCMF 500s\$P 400sC 500sBP 131300 -037136130357 -140117136507 -131426130565 L200313050 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120057 120 000000127104 HTP 000+24 - 73612127057 0000000127105 HTR 000475 -101433127061 127233127107 TXI ##.#27 -105455127063 TX1 ##4#Z= -077765127064 -073612121065 P•V+YU 000033245103 000000031377 9TR 0003=+ 000001000015 020000000000 HIR UNION UNCONTROL OF THE CONTROL O MPY 200000 051564130637 0200000000000 MPY 2000, M 11211/131117 TAI 9Ad=9 00.UP 3 200000 000050000050 000100000000 31 30 0200000000000 620000000000 HTR 000000 1077(5131173 1x1 8+5= HTR 00+00+ 107455131453 MPY 2,0000 U72327111043 -105356131603 31350 -075/73|3|657 -070/34|3|733 -1043||132007 -07204||32063 P-, r\*\* Pr)\*\*\* LL3\*\*\*\* P\*-J\*\*\*\* -973051132213 PHR-6= -114167132267 REX+8X -076156132473 P/+-(),

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31450 -116744127065 -105671127066 -105671127067 000000031527 000001000017 -001611566253 -000001424150 020000000000 HTR 0003+G 000000000000 HTR 000000 045513136237 HTR 00100\* 000000000000 HTR 000000 036471130357 MPY 200000 043537135553 00/174 D+74YX -01KJQ 31460 02000000060 020000000000 MPY 200000 MPY 200000 31470 037346135703 125455135757 000000000000 HIR 000000 200000130433 02000000000 MPY 200000 200000136163 000020000020 HTR 00+00+ 043007130507 -06006013056 +00=/1 302-30 002327127071 0CG+Y2 -076662132137 PMS=A\* 000000127110 -104144127111 HTR 000+28 -071605127056 P+5\*Y+ 020000000000 000000031603 HIR 0C100+ -##\*\* -00\*\* -10\*\* -10\*\* -10\*\* -10\*\* -10\*\* -10\*\* -10\*\* -10\*\* -10\*\* -10\*\* -10\*\* -10\*\* -10\*\* -10\*\* -10\*\* -10\*\* -10\*\* -10\*\* -10\*\* -10\*\* -10\*\* -10\*\* -10\*\* -10\*\* -10\*\* -10\*\* -10\*\* -10\*\* -10\*\* -10\*\* -10\*\* -10\*\* -10\*\* -10\*\* -10\*\* -10\*\* -10\*\* -10\*\* -10\*\* -10\*\* -10\*\* -10\*\* -10\*\* -10\*\* -10\*\* 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000020000020 HTR 0,0000 0,75773136367 0770021303C3 -10^651130357 WEF 7Y2=33 Q6R=3\* -101121131733 01105C127056 -575276131453 -134425127107 \$ME#27 175216127105 TKI +-+25 -134425127065 000000031733 97000-MPY 200000 104301132473 TK1 BL1=0, -009403133567 -43=eX HTR 000000 121064132623 \*8J\*FC -43×0X 123174127076 125200127077 -000003621527 -035+G 020000000000 MPY 200000 MPY 200000 055127134533 000020000020 HTR 00+00+ 177771135627 TXI ++Z=4G -104352135703 TXI •• Z=4 G -101431131043 QL-=<3 G00C00127055 000000127077 HTR 000+y+ -120744127114 -7M+Z\* -120744127100 -7#+Z0 000000032063 32010 000001300024 -000214355514 -000043353401 HTR 00100C -2\*\*\* -0L\*11 020000000000 #PY 200000 02000000000 MPY 20000 32020 0000000070 000000000000 000020000000 103676131111 075274131324 110227131603 HTR 00000   HTR 000000  HTR 000000  HTR 000000  HTR 000000 HTR 000000 HTR 0000000 HTR 000000 HTR 000000 HTR 000000 HTR 0000000 HTR 0000000 HTR 0000000 HTR 000000 HTR 000000 HT 102507131657 110510131733 -110376133103 R3#=13 100003127055 -074 773133233 101505127057 TXI 80557 803#Y 701475 -101413127070 -077360127071 Q\*=#YY R01 P, #YZ QUQ001000025 -U00211633343 -101573127074 00,4Y£ 000001512G11 -101573127075 TX1 8 S S Y U -075 4 0 7 1 2 7 1 0 1 PXD P = 7 \* Z 1 02 0 0 0 0 0 0 0 0 0 Q\*.\*YH 000000032137 HTR 0003A\* 0000000000000 020000000000 000050000050 HTR 00+06+ 210+16 032766136313 -113372136367 -107705131527 200000127111 Q=5==G TIX +00#29 200000127062 -124123127063

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-10/036136033 000000127076 HTH 000+Y+ -101477127055 -102233127100 Q8.420 000000032343 -63015 -0740L 000720000020 hTA 00+00+ 07/163131323 32300 000000000000 HTR 000000 32310 076333130767 000000000000 HTR 000000 076625131117 DST 037=0. 277176127063 ARS 72-047 -070655127076 -A. +F+ 124757127065 [X] 4P++\*\* 076025151117 aRS 7Mt=90 -103722133233 Q08=+. G77176127071 ARS 720042 -1A=06 R\$ =00 006226127056 124757127061 TCUC 0579Y0 TXI 9P09Y/ -072312127073 -070515127674 R+3=0+ 076120127064 NCP 7/++YU -124072127077 -135156133363 \$Re=\_T 076120127072 NOP 7/+ey= 32320 -102727133103 0GG=13 32330 12475/127067 000000032417 000001000031 HTM 0003D+ HTM 001001 072675513400 072732214400 075030134123 071534134253 70H=JC 70153013551 -055304134253 000166122346 -000006327117 02000000000 01w00 -00\*2\* PPY 200200 00000000000 00002000020 131105133437 -070655127104 P6+#24 02G300000000 PCA 70000 7,340X
32370 -074303135143 -121426135217
PL3RL -- FE-0 32410 -077467127063 AXÉ P(XXY) 32420 000001000032 32450 -103541132343 0=9=EP 112420127112 1X1 63:---9-J=CL 32460 11063C127110 3252C -101711133773 -100273134047 209=-, 02,=-P 32530 200600127565 202000127066 +00\*Y# 32540 -12<sup>3</sup>217127106 -u00000127110 -++\*26 -Ju+28 32550 000001270234 -601236115272 001001 HTR 070872 TKI \*\*,874 -162733127057 -162733127060 +0.+Y\* -G.4Y4 - -G. 32640 047661131173 054671131323 4•/-:9, LCHE• 5)7:=:C 32 5C -001376132023 -122411132677 -xe=EC -09#Fe 131260127065 32660 115007127663 7x1 3y7+71 1x1 =+ +yy
32670 -076402127101 -076402127102
BSF PU2+71 ESF PU2+72
32700 000001000036 -000267312552
hTP 00100+ -751E-32710 90° 0000000 HTM 001000 HTM 000000 HTM 001000 32720 0/375C134457 U5727134607 PAC 7+0+4+ 55C+U7 HTR 000313

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-012050134737 -164336435067 TEFD -1\*\*RL 200000127053 3J\*\*K\$ TIX +00\*M3 33060 -165472135477 -034637135553 DFAM 355=4. -165136135757 -80=00 200000127G61 \*\*\*\*01 000000127104 HTR 000#24 -02070\*127062 Tri J+Q=P+ +L++QX 000000127106 200000127052 TRCF -F-=+C 33070 0G0000127657 HTK C00426 -143653127065 11x +C0+Y-71x +00+Y\$ -141723127071 100-05 200000127060 +00ay -00eYX -143653127101 --5421 0200600000000 -000000127162 -00+22 020000000000 000000033157 HTR 00031\* 000000000000 000001000C41 HTH 00100J 000C0CC00000 -000157217111 -1•A29 000000000000 -000013702214 -0#Y8\* 900029000020 020000000000 WPY 200000 07/364136033 MPY 200000 33120 077266136163 MPY 200000 100533136313 TXI 85.=T= -G77277133103 HTR 000000 100147131043 T#I 81+=8L -100650133363 HTH 000000 077633131453 SDN 7\*.=\*\$ -071427133437 HTR 00+00+ 077133132213 ARS 72.=B= MPY 200000 101453130357 TXI M\*8=3= -1,2257133157 000000 HTR 000000 077630132307 SDN 7+H=+7 -101270133513 ARS 72.=Be -101326133643 REW 7=W=/T 33130 -07/737132752 071021127104 Q8++1+ 110712127111 1x1 97++29 -100633127065 Q6Q=.T Q6776^2127051 SDN 7+S+YR 33140 071021127105 78A+25 110712127052 Tx1 9704Y--101351127971 110712127053 Fx1 979075 -100533127073 071541127106 071541127057 7+J+26 -100633127C64 SDN 7+5+YR -067600127067 768-25 33150 -101351127063 0=ReyT 33160 000001030042 -101351127077 000000033233 -100833127604 Q6.4YU -000463412336 -41JC+ G6.47V G6.47V GC0041005465 HTR OOJC+V 02000000000000 06.04. 06.04. G=R+Y+ MPY 200000 104717134047 TX1 8P\*=-P -102410135143 MPY 20006. 064361134253 5CHG+ 6L/\*KB -105002135217 001006 200000 200000 075371134327 782=LG -103767135273 105761134533 TXI 8+/+N. -102302135347 33170 000000000000 HTR 000000 33200 071325134663 010567662000 15AM+0 120604135013 000720000020 HTR 00+00+ 072500135067 076273134607 RDS 75,=07 -065436135627 120604135013 TXI #64=Q= -077055136237 PY==S= 136407127114 TXI =U7#Z\* 76 0=0x 602:--908=RL 130543127101 Txi =5L+Z1 -114446127C53 -101067130303 -101067130303 -101067130303 -101067130303 -101067130303 -101067130303 -101067130303 -101067130303 0/1510127102 7-0-22 -11437112705-270554127103 75\*#Z3 33210 -074272136163 PK==/1 33220 070164127112 105474127105 130457127107 TXI =4-027 -113232127066 TX1 8-1+25 -114446127061 00044 RMOAYS 81 / AV 000000033307 HTR 0003.7 0000000000000 0200000000000 PPY 200000 1041/1130357 33230 -114446127067 -676707127071 -633506177072 009001000043 -600275003123 000021344331 HIR 001000 WTR 00A1L1 Px 79 \*Z 0200000000000 RMG+YX 33240 020000000000 020000000000 ~2\*01C 33250 071740130507 MPY 200000 671274130713 #PY 20000C 070254131117 72\*\*9\* HTM C00000 HTR 00+0C+ 13226/131453 TRI =BX='\$ 200000 000000 110322131247 1x1 938+4P -106667132267 6,3=9. -070+30132213 6 H=C -107404132417 -071775132007 33260 -105250131603 -105250131733 105250132623 146314127073 Q-G=+. 146314127102 141 11+22 P4H=E= 000000127113 14631~127051 14631~127051 1x1 'T'+ vr 014-0-Q-Q=FC 146314127057 TXI '1'+Y+ Q-0=+3 33270 000000127077 146314127110 7x1 \*1\*\*28 -123373127061 TXI 11097 -073261127106 P+,276 CZOCOOOOOOOO MPY ZOOOO T#1 \* 1\* # ZZ -123373127063 HTR 000+Z\* -123373127071 fx1 'T'eVR -073261127072 P+/4Y\* 02000000000 HTR 0000Y\* -073261127100 P+/#Z0 0000 Ye --.\*\*/ -060000127066 33300 -123373177062 000000127000 00074 000034643622 HT# 0003.F 62000000000 MPY 200000 155337132753 7x1 •\$•=6\$ -126045134123 MPY 200000 177173133027 TXI +2C=HG -077633134327 #PY 200000 177123133233 TXI \*ZC\*\*\* -126710134403 00100# -09C+V C016+6 000000000000 HTR 000000 000426133643 015141133353 IRJ#.T -125133134457 33320 C107713624C0 172\*D0 33330 007620133567 000020000020 HTH 00+00+ 137712134047 036550133513 3m0\*\*\* -127623134533 TX[ =+0=-P -015720135143 J+=RE 172115127060 TXI =A++Y -0403C2135013 #32=0× 002620127056 TRCE 0F++Y+ 174641127110 TXI •0J+ZR 1055320127061 30161C127E11 0-8+29 50262C127114 TRCE 0F++Z\* 174066127051 TXI +-W#YR 33340 -067767134737 0+x+P+ 33350 002620127054 -123345127062 NS+94 000000033437 HTR 000 1-031367715000 3=8200 071274136033 76(x --001057131043 -0-86 173312127113 TX1 -402--133461127066 \$1/47W -0047 000001000045 HTK 00100N 036175522400 -000014400147 -0\*-1P 600000000000 7000773600C1 HTR • 00•+C1 00CC20000020 HTR 00+00• -123345127071 -122242127072 620000000000 --'44 YZ 02000^ 0000 MPY 200000 -.M+YY 33370 02000000000C -8K+Y= MPY 200000 063761135217 MPY 200000 067250135627 MPY 200000 200000135703 11x +00\*\*3 -125123130767 HTR 000000 C40730136313 33400 175770135477 FX1 ++Y+++ 714=/7 -00105/131117 7X1 +0Y\*\*\* 6\*9\*\*G 33410 -133356130637 -135524130713 000-4. -061712131527 700000 000000127057 -140050131173 000000127073 -125123130767 -RC=7K 173010127112 TXI +H8\*21 -134455127065 \$4\*\*YV -000005167256 -05\*\*\* \$+D=7= 011455127106 CVR 1\*+26 -075052127064 -80=90 02c666127114 2ww+2\* HIR 0004Y, +0Q=9, 173312127055 33420 155577127076 HTM 0000Y--13445 '27073 Mery, 02000000000000 7x1 +++++ TX1 +. \*\*\*\*\* -675052127072 -012566127070 000000033513 JE#4YY 020C00000000 \$1/4YW 020000000000 MPY 20000 HIR 0003++ -8H4U-0000000000000 MPY 200000 116421131657 TXI 9UA=++ -123021133233 MPY 200000 053214132007 5+\*\*+7 HTR 001000 200000 200000 000000 -09920 000020000020 HTH 00+00+ 065373133103 65,=13 -103410134457 11x +00=+1 11x +00=+1 33450 00000000000C 055211132267 5-9=8x 114634137343 TX1 90)=CL HTR 000000 33460 053265132417 HTR 000000 G53215132753 5\*\*\*G\$ -001274133307 -122617133643 -123013134047 -HA=+. 136072127074 TKI =0=+Y{ -121407127114 --742\* 153702127675 TXI ++24Y+ -121411127051 33470 -057317134123 -077656134327 000000127077 000000127100 -103410134457 C18=Me 153702127111 TXI ==2279 -121411127664 --\*94YU 02000000000 P\*\*\*LG 014103127104 HTR 000+Y+ HTR 000+20 -121411127055 TXI =01+22 -121411127057 133024 33510 -021203127062 -121411177063 K438Y5 -144Y1 33520 02000000000 02000000000 000000033567 HTR 0003+X 000000000000 000001000047 HTR 00160P 0000000000000 000014136227 HTR 00\*+56 000020000020 -000511333367 020000000000 -57..x 000000000000 MPY 200000 112777135013 00002000020 HTR 00+00+ 0605601361 7 65 =/7 -104717131323 GP===C MPY 200000 33530 061045135143 68N=RL 33540 -103126130433 MPY 200000 061517135347 6\*\*= \$P -U70736130563 MPY 200000 066777135423 6X0##C -073347131043 HTK 0C0000 071515135627 7\*\*\*\*G HT# 000000 200000136033 T1x +00= . -100103131247 000000 060716135477 670=00 -074170231117 -104620131173 000000127070 -100103131247 013=4P 126026127114 Txt + F+Z' -077556127063 P+++YT 33550 126026127101 124155:27102 TX1 + F421 TX1 + 4++22 33560 -100202127054 -076266127056 124650127104 126076127107 124650127112
TXI +0q+7- TXI + F+27 TXI +0q+7-076140127057 -101173127060 -101743127061 000000127052 -101743127053 000\*\*-HTR 000+Y-000000033643 9729477 P3#\*\*33570 000001000150 -001111166041
HTR 001000 -99\* J HTR 0003+1 220000000000 0200000000000 MTR 00100Q -99- J 00000000000 0000000000 MPY 200000 052444131453 50M=+\$ -111011132753 MPY 200000 050777131733 57\*\*\* 200000 200000 000000 2000n0131657 T1X +00=++ -111455133027 054021132007 062153132063 3CHA 5-A++7 51A 6A8++7 -112130133233 -105553133437 000020000020 HTR 000000 142221132623 TXI 'SA+FC HIR 00+00+ 052132132677 5A+#F# HTK 000000 33610 101564132473 -112130133103 #89=G\$ -10312127065 TXI 93\*\*YY -100007127104 RAM+13 110771127067 TX1 9720YX -077202127106 TX! 8-U=0, TX| \*SA=FC 33620 -000000133567 -111106133717 R\*\*\*HG 110243127066 1x1 92147W 077036127105 -112147134327 RAP=LG 000000127107 111157127070 TXI 9944YY -077202127114 33630 111157127076 TXI 9900V 111666127100 000372 STR 007124 RUN RUN -00131307360? --=7-2 0000000000000 000023065656 0200000000 HTR 00C6\*\* MPV 20000 000020000020 075360134607 33640 -677036127055 -101033127057 00C000033717 HTH 0003\*\* -101116127060 000001000051 33650 02000000000 02000000000 MPY 20000C MPY 200000 Q9+4Y 020000000000 000000000000 00000000000

200000

000000

000000

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HT 030000 00000130507 HTP

| C | Sassel | Tit | The | Tit 34620 0000000000000 HTP 000000 34630 054620130357 000000 2700000 HT# 0000000 2660001 504 33 TT# +0044. LCME 5,0030 718 00044.

34640 -102610131733 -079737132007
37840.

34650 140314127103 140314127104
781 17073 781 17024
34660 -074103127053 -105052127054 02-879 02-879 02:00000000000 897 20:000 074764137417 79u=09 TRI 6-1-C,
-10674/134327
-08241C
154204127071
TRI 64497
-075061127105
-090011245001
-09001002000200
HTR 00-000
0061130433 34/10 -105/22/133/17 -11961\*1341/3 2-8:\*\* Ren= M 34/20 000066127061 00/105127064 302\*Y/ DISTA HIR 0008Y 0258YL 34730 -077271127102 -077271127103 RJN P-2822 RUN P-2823 34740 00000-700066 -000045544523 HIP 001006 -00045544523 34750 0000000300.30 0399000039300 HTR 330000 hT4 030000 34760 067534136312 116361136357 6++4. -104235132267 G#+## OCCO00127965 HTR 000+YV 34776 -104047131657 -162475131733 130370127053 126200127054 7x1 +3Y+Y8 1x1 +5C+Y+ 072276127074 -1C1500127100 350G0 120667127C6C 113011127062 T41 8688Y I41 9998YS 434#25 -057554127057 4008Y0 #T\$#Z6 MZG#Z8 NZG#Z9 000000035217 000001000071 -061455177714 HTR 0003-0 HTR 001002 -\*\*\*\*\* 000000771755 020300000000 HTH 000000 MPY 200000 35150 02000000000 620000000000 MPY 200000 MPY 200000 0200000000000 MPY 200000 125034131527 TX1 #21=+6 000000000000 HTR 000000 172623131657 TXI 0FC=00 35160 002303131247 002303131377 003=eP 003=:= 35170 -131076132417 -130756132473 35200 146314127062 000000127066 TX1 1719Y5 HTR 0004YW 35210 -134372127105 -134372127107 -000000127111 -00\*79 000020214040 \$L=+25 35220 000001000072 HT# 00100+ \$\\ \text{1.5} \\ \text{5.1} \ 00+A--HTP. 00+A-000020000000
HTR 00+00+
065327134177
68G=Je
-072300135347
PC0=SP
200000127076
TIX +000Ye 0J\*\*01 35260 031455127072 3\*\*\*Y\* 01==P+ 0043401/7073 DA1 0L-04, -106310127110 -115622127114 #+B+7\* 02000000000000 QT8+ZR QZQQQQQQQQQQ WPY ZQQQQQ QT7Q54136Q33 35300 02000000000 MPY 20000G 35310 071155135703 MPY 200000 074157136237 +10=54 -100554131247 790=03 MEF 7Y0= . 35320 -075333130767 -077000131173 35339 065377127054 1,3430127066 110666127070 650070 TXI 81H0VW TXI 96W0YY

MPY 200000 026261134253 257=K\$ -130526135703 MPY 200000 023136134403 21 == K1 -000045136033 MTR 00+00+ 5G==-P 071767135143 -124623135217 7=X=RL -0C==--122147136367 010474127071 200000 000000 000000 000000 C43774134663 116304134737 404-27 [X] 914-P0 -124351136237 ~127571136313 200000134123 177133134533 TIX +00+JC -124116135423 .XI +1.=h. -000C00136153 :37679127674 147457127077 147457127105 000000127107 TX[ \*\*Y\*Y( -103313127051 TX1 \*(\*\*Y\* -077103127052 TRI =-Y+21 TRI =-Y+22 TRI 10+25 HTR 000+27 -104232127053 -070560127055 -07103127060 -104232127061 14(+Y= -070560127114 000000036313 Q. =4YR -001341215346 020000C00000 95 eye 0230000000 PZ34Y GZ0000000000 QK + 0Y / 02 00000000000 HTR 0003T= ?234Y--000025057433 P5 +Z\* 000001000106 HTR 001016 0000000000000 HTR C20000 054366131453 MPY 200000 057062130357 57;=3\* -146613172243 MPY 200000 060432130507 571 54+=57 -135231132417 PFY 200000 051317130563 -- JA 50 -0E51. G0C020000020 200009 700000131C43 71X +00=8L -146275133027 U000000000000 HTR 000000 157470131527 052302131173 HTR GQ+CO+ Q56363132267 STI=8X 5.++51 -000573132753 RCHGe SLM#\*1 -147051133307 -YR=.7 143613127077 1026541/7062 TXI •F++YS -0027u6127104 000000127066 HTR 000+YM -114357127106 -000000133363 -011577133437 142750127063 051631127067 142654127076 J\*\*\*)\* 051631127103 Tx1 \*GQ+YT 50:674 TX1 0F0070 -131012127107 -131012127110 -CO=-T 36300 TRCH+ -GH+24 000000036367 HTR 000+23 -11435/127056 -001451662175 -18886 -131012127052 -131012127057 000001000:07 -000015001370 HTR 001017 00000-000000 HTR 000000 102577134327 000 3Tx ~0+0+ MPY 200000 000020000020 104725133513 MTR 00+00+ TX1 BPE=== 075012134457 ~072451134533 \$8 \*\*Y\* HTR 00000000000 020000000000 32000000000 020000000000 00000000000 34320 MPY 200007 104044133567 MPY 200000 L76756133643 MPY 200000 100063133717 HTR U00000 101174134253 HTR 000000 066736134403 36330 771 8-M=+X 36340 -104674134607 8Fe=LG 7X---TXI 80Tc++ -074424135217 6X0=M3 -07.351135627 704=M ALS 7X==eL -076053134737 HSE P \$=Fe 044717127071 -076202135477 116036127061 105404135423 -103553134033 90(=07 045725127064 0+4++C 122776127073 PS2\*\*\* 117771127076 LGL PTR=G 120776127101 TKI 474471 9•\$= . 11=165127102 PMD=--• TXI 9+244+ 061 71-27051 24247R -044773127112 -1377:0127114 -061771127107 -067600127110 -067600127052 -067600127053 0000000364 D-Z+27 8540¢0 754686506000--000013620273 1-8+2\* -40+0 02000000000 000001000116 020000000000 000000000000 020000000000 #PY T00000 10057313(237 Tx1 85 5 MPY 200000 113372130303 TRI 9.==33 HTR 001018 -621UG -0=50, 000020000020 MP\ 200000 1C0234136107 TXI 821=/7 PSE 7 H=57 HTR 000000 112714132007 HTR 00+00+ 075457132063 000000 -124716132343 -Pe=CL 113357127057 -003020132267 36410 065337131377 -127520132417 -175570132547 -121035133027 PYA 7---17 -000262133643 TEFB -H+=BX 006763127055 TX1 9G\*++7 -125620133437 -8+=HG 113105127064 ----D. 111152127041 ~•Y=EP 11C675127063 36420 -123371133363 TCOH+ OXT +Y+ TXI 96\*\*YT ~124175127100 104542127066 TXI 84K4YW 104542127067 TXI 8NK+YX -122645127073 106752127065 -003651127071 -003126127070 TEFD -1F#YY --R+YZ ~J. #Z0 -000706237414 -0000000000000 -76C1\* -00000 000000000000 000174000002 -125022127102 -125022127103 -125022127104 ~000000036655 000002000001 002000001 00 0+0000 -0000136655 -98+23 174000000000 -98+24 17400000000 -98+22 002000000000 HIR 002001 -003M\* 206650756400 TAL 80G=We 200000131603 TIX +00-HTR 000000 000000131323 HTR 000000 200000131377 0+0000 •~0000 --0000 +#0-00 TXI 0~0000 014165130433 200000130637 -100000136655 200000130767 200000131527 STR Q00=#= 173004131733 1JV=4. 200000132213 T1X +00=6+ 013571132267 TIX +00=7X 173004132547 000==C +00=== 200000133157 T1X +00=1+ 000000134327 200000132677 173004133027 173004133233 TIX +00=F\* 000504134123 TXI •H4=HG 000000134253 001.88 TXI \*94=+. 173004133307 TXI •H4=.7 000000135067 36500 200000133363 000000133513 200000133717 TIX +00×00 200000135423 TIX +00×00 000000131453 HTR 000=K\$ 014353136033 11X +001.T HTR 000=0= 000000135347 054=JC 054=JC 177454135703 TXI •[•=•3 173004132063 36510 173004136107 000=04 HTR 000=SP 000000131173 115= . 173004132137 200000131043 000000132343 000000132417 HTR 000=CL 173004134533 7X1 +H4=N. 000531134663 HTR 000+0+ 000000134737 +00\*8L 000=9 000=\*\$ 0H4x+1 173004133437 TXI +H4=1+ 173004135627 000000133567 HTR 000=+X 006036136367 000000133773 HTR 000=+, 200000131117 002270134403 TRCA+ 08Y=M3 173004132753 020371134457 36530 173004132473 TXI •H4=D, 173004135553 232=Me C06612134177 000000135013 TCOA TIX +00\*9\* 022603130357 TCOG OH+=J+ 000000130713 HTR 000=7= 051\*0T 002054131657 173004130303 TXI +H4=33 -154744132343 173004135143 000000135477 00000013050 \$66133307 -003702133637 -153346136313
\$6650 -023660133307 -003702133363 -154417133643 -155413135273 -11167415553 00000003037067 000002030002 0000377777777 R\*(=\*\$ 174000000000 HTR 00031X 174000000000 002000000000 TRA 0+0000 100000136443 36660 -0000000000000 002000000000 HTR 000000 160612136163 TXI +64+/T 123172132213 -00000 36670 00017400002 TXI 4-0000 000000135757 TRA 0+0000 -100000136443 TXI #-0000 000000136313 TXI 800=UL 012655130767 1F+=7x 132750132677 STR Q00=UL 000000131043 HTR 000==G HTR 000=== 151564131527 TX1 +=U==G 000000136313 HTR 000=T= 143752132343 TXI \*-=CL 115026132717 TXI 9QF==0 070555134663 750=DT 155001131657 011002 36700 171014132417 HTR 000=8L 150102133027 TXI =12=HG 157172134727 TXI =Z=+LG HTR 000=6= 000000132547 36710 000000133233 HTR 000=+. 000000134403 165611133567 000530133307 HTR 000=EP 152270134047 TXI =GQ=F• 165734134123 05H=.7 167352134533 TXI ••9=•4 167352134607 150102134737 TXI •12=P• 117700132007 +AI ++=07 167352131453 TXI +-=17 TXI \*\*)=JC 175710135703 OCD#M3 TX1 +,-=N. 175710131247 HTR 000=m3 0000G013C%63 HTR 000+57 175730132753 TXI \*\*8=G\$ 175710135013 171014136033 TXI +8'= . 00000013,473 36730 TAI \*\*8×43 TXI +08=0P 012121133363 LAA=-1 134213135423 TXI =K0==0C 171014133157 TXI =80\*=10 -017512136163 000000133437 HTR 000=)• 000000136107 171014133513 TXI +8'\*\*\* 000000136237 154341133643 TXI •TJ=•L 000=A+ KTR 000=D 000000135143 HTR GOO=RL 171014134457 TXI #8'=## 36750 000000135067 000000135273 165611130507 HTR 000=QX 000000132063 HTR GOO=RL 144321132623 TXI 'LA=FC -176711135757 HTR 000=-. 000000133103 000=/7 000000131603 160313134177 TXI +3==J+ -176711136237 157172134253 TX1 +2==K\$ 36760 HTR 000\*13 -176711136107 175710135477 37000 -025542130713 -009000131747

\***\*** 

3701C -Gu4717132417 -C00000C14775) -176711133103 -17441C133307 -176711133437 -012634133567 -057631133177 -C27645133773 -Pe+De -00+Cs -44=17 -M = 27 - 44=17 -M = 27 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 44=17 - 40000 -160000004521 45 0000 STR 00000000000 060400072465 ST1 64078V 000000000000 HTR 000000 SXA 610-F-HTR G00000 HIR 000000 10000000000 000000 200000 -100000000000 -100000000000 000000000001 -10050000000 STR 000000 C000000303033 HTR 000333 -342611331173 TXL (F9.9, 255162606625 11X ERS wE 215163742134 STR 000000 000000006 00000000000000003 HTR 000006 261133117326 T1x FC.9,F HTR 000000 HTK 000000
-264651426047 215121442563
TMX HORK P TIX ARAMET
-044624256046 -116051256263 000004 HTR 00000# HTH 00000X HTR 000004 HTR 000006 33073460606C -341001306063 TXH .7) IXL 181H T 252433602330 252342605125 TIX ED. CH 1:X ECK RE -340130017304 056773021130 302560452563 TXH HE MET -226321516360 -112560454663 -202330214527 RE NOT THE CHANG -202321512433 -203460606060 TNX CARD. TNX )
256325516261 013000730501
T1X ETERS/ 1H0,51
113311/30467 -332611331161
TX1 9.9,4X TX1 007404413520 007400403631 TSX 010J++ TSX 010-+1 007400403631 100003073002 TSX 010-+1 TXI 8037H2 100003073011 0773744000011 TXI 5037H9 P4C 7-M009 073744000011 0000000030053 P4C /-MU0= HTR 000308 000000014154 000000072610 HTR G007E6 053500172513 LAC 500E = 007400403631 TSX 0(U-01 100002C73026 TXI B027HF 053000172503 LAL 5=U=L= J074UG413672 TSX 0(0J== U07+C0416664 TXI H037H+ 073744000014 PAC 7+400\* HTR 0007E-73020 053500172513 LAC 5+0+E= 73030 0500000772506 050000072502 00740040666 00000016154
HTR 0001J=
05900072-07
CLA 5007F7
05.000072-11
CLA 5007F7
053501-172513
LAC 500FF10000-2073-07
TX1 8027H7
000000177-105
HTR 0007L5-010000073114 PAC 7.400 007400404664 TSX 0(0-mU 007400406664 TSX ((0-mU 000000072610 HTR 0007F8 607400406664 TSX 010-WU U07400406664 007400406664 CLA 5007E3 050000072305 CLA 5007E5 500716 0 (11-11) 73040 050000072510 00740040664 
73050 10000273054 0737400015 
73060 100002073054 07374400015 
73060 00000072503 000000072552 
HT 0 000715 HTR 000715 
73070 05450012314 073744000115 CLA 5007£4 007400413472 TSX 0(0J)= 100002673062 007400403710 TSX 0(0-WU 007400403710 TSX 010-48 073744000917 000000012502 000000072553 HTR 0007E\$ 007400403710 73060 000000072503 000000072552 HTW 0007E3 HTR 0007E 73070 053500172513 007400403710 LAC 5=00E= 15x 0(0=0) 73100 040200030050 -010000073114 51/8 4203C TNZ 100.71 HTR 0007F2 053500172513 15X 010-#8 073744000021 H027HS 73060 000000072503 000000072552 053500172513 007400403710 100002073470 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 0737070 07370 0737070 07370 0737070 07370 07370 07370 07370 0737070 07370 07370 07370 07370 07370 07370 07370 07370 07370 0737070 07370 07370 07370 07370 07370 07370 07370 07370 07370 07370 07370 07370 07370 07370 07370 07370 07370 07370 07370 07370 07370 07370 07370 07370 07370 07370 07370 07370 07370 07370 07370 07370 07370 07370 07370 07370 07370 07370 07370 07370 07370 07370 07370 07370 07370 07370 07370 07370 07370 07370 07370 07370 07370 07370 07370 07370 07370 07370 07370 07370 07370 07370 07370 07370 07370 07370 07370 07370 07370 07370 07370 07370 07370 07370 07370 07370 07370 07370 07370 07370 07370 07370 07370 07370 07370 07370 07370 07370 07370 07370 07370 07370 07370 07370 07370 07370 07370 07370 07370 07370 07370 07370 07370 07370 07370 07370 07370 07370 07370 07370 07370 07370 07370 07370 07370 07370 07370 000000077504 HTR 0007F4 HTR 0007F = 053500172513 PAC 7+M00A 00000072552 HIR 0007E-050000012502 050000072504 CLA 5007E4 060100030050 040200030052 -010000073114 SUB 42030- INT J0071\* SUB 42030-050000072503 060100030051 5T0 610300 C60000077512 STZ 6C07E# U77400400034 LAC 5+0+F= 075400400000 CLA 5007E-053500421552 077400400034 AXI 7(0-0) PXA 7+0-00 107400413677 100002773157 15X 010J== 1XI 86271-100000073157 373744000035 TXI 80071+ PAC 7+M00+ LAF 5+0K+-073744C00035

73160 053500424535 177777473162 -063400473711 -07740C1UDC01 LAC 5-0RNN TAI ---PIS SKC 010P-9 AKC P10801 73170 063400473347 U53470472515 120062-72:73 063400473345 SKA 610P-P LKA 510PE- TKI 40SPI, SKA 610P-N 06C030072516 \$12 60078\* 053400472515 563100172516 5(A 6+0+E+ 1 10061473176 053400472515 LXA 530PE+ 063400473343 TE1 +0UP17 053400472515 TEI +05PI+ 053400472515 LEA 510PE+ 063400473333 STA 610P.4 13005747370. TXI =00P44 007400413742 LRA 510PF = 06140 = 473337 SRA 610P. = 1090C2073220 T.(I =0/PI+ LEA 6100-1 63400473341 SRA 610P.J 1.J055473212 IRI =0+P++ 1 100 604 7 32 01 30056473707 063400473335 T41 =0 P+1 0>3400472515 LRM 510PF+ 073744092942 PAC 7+POOK TE! =0+P+7 SXA 610P. 0 73210 SA4 610P.. 007400406664 TSR 910J+R 069.000/2520 STJ 7E+ TXI 8027\*\* 007400406664 HTR 0001JS HTR 0007FF 510PF+ 0601000725; 3 510 6107; + 060100072523 007400406664 TSX 010-LL 0074G0406664 TSX U(U-M) 007400406664 010-WU STO 6107F8 TSx. 010-#U STO 6107E-TSE 060100072524 73230 007490406664 060100072525 007400404664 TSX 010-4L 0G7400413520 TSX 01010+ \$10 6107EC 007400413672 TSX 010Je= TSX 010-YU 100002073246 T41 802747 \$10 6107£0 073744000045 TSX 010-mU 000000014154 \$10 610766 000000072653 TSX 010-WU 050000072517 STD 6107EF 73240 PAC 7 = PO0% HIR et 1000 2007Fs 500 7F a 007400496664 050060072526 007400406664 050000072521 007400406664 050000072522 050000072523 73250 607400406664 500/E+ 15x 010-MI CLA SOUTEA TSE 010-MI CLA SOOTER 010-m3 5907FC 010-14 050000372524 CLA 5007EC 100002073274 0074C0406664 fsx 010-MU 073744000046 050000072525 CLA 5007EE 000000072520 307409406664 TSX 010-WU G00090072554 050000072526 CLA 5007FF 007400403740 G07400406664 TSX 0(0-MU 100002073301 /3260 007400413472 007400463710 TSX 010-14 000000072521 154 010J3= 073744000050 73270 HTR 00076+ 100002073306 TXI 8027 12x 0(0-+9 000000015255 14' 8027+( 000000372554 HTR 00076. 073744000052 TX1 8027-1 000000672553 7.4000 248000 007400403710 10000207331 007400493710 TX1 8927.6 000000972553 0007F • TSK 010-+8 TS# 010-02 KTR 0007E+ PAC 7 × 100-HIL 000 7E B нтя 00G7E \$ 007400403710 TSX 010-+8 060C00072525 100062073320 fx1 8027.+ 000000072553 273744006056 73310 C00000072524 0000000072551 PAC 7.400. 007400403710 HTR 0007EC HTR 0007ES 0737440000E0 PAC 7+H00+ 007400403710 HTR 0007ED 100002073332 HTR 0007E1 73320 010--2 IXI 8027.6 PAC # MOO HIR 000766 HIB 00076 \$ 019-08 8027-4 7XI 8027.-050000072572 CLA 500766 000000072526 HTR 0007EF 050000072523 050000072521 CLA 50076A C50000072525 066100000000 510 610000 060100000000 050000072520 060100000000 0601000000000 000000072556 73330 HTR 0007E+ CLA 5007E+ CLA 500768 050000G72524 73340 0601000G0000 040100000000 CLA 5007ED -010000073354 TNZ JC07... 060100072527 CLA 500767 007446413742 15x 01044 CA0147072530 5007FC STO 61,0000 STO 610000 610000 5007F 000014 050000021552 CLA 5002+-009000072700 040200072554 SUB 4207E+ 007400404664 002000073705 TR \ 0+07+5 CO7+00406664 100002073361 Tx1 8027-/ 73350 073744006074 00000001415 000111 PAC 7+M00+ 0601000/2531 HIR 007400406564 00740046664 73360 007400403664 TSX 010-MU 007400405664 TSX 010-MU 007400413520 HTR 0007G0 060100072532 STO 6107E+ \$10 6107EG 060100072533 \$10 6107E. 138 010-MU 010-MU 0140040664 \$ 3 6107EH 06610C072534 \$10 6107E) TSX 010-WU 00740040664 TSX 010-WU STO 6107E1 060100072525 TSX 010-MU 007400406664 73370 TSX 010-40 6107E+ -050100005637 URA \100\*\* 060100072540 050000005640 CLA 50000~ 076500000010 07630000010 LLS 710006 73400 060100072536 050000672527 076500000010 060100005632 STC 5107E+ 030000005632 TSX 0(0J++ 060100072537 CLA 5007EG 056000072533 LOQ 5 07E. LRS 7V0008 026GC0072537 \$10 6100+ 050000072530 LLS 770008 -050106005637 73410 LOQ 5 076. 076300000010 LLS 770008 -050100005637 STU 61075-060105072541 STO 6107EJ CLA 5007EH 056000072534 100 5 G7E1 FHP 3000 \*\* STO 6107F. 2 07F+ 740008 570 6107E+ 050000005640 CLA 5000+ G765000G0C1C G30000005632 FAD 3000++ 0601C0005632 02600007.541 FMP 2 C7EJ 060100005632 060100072542 STD 6100++ 050000072531 STO 6107EJ 050000005640 STO 276300000010 030000005632 060100072543 115 770000 -050100005637 3RA %100\*\* 060100072546 5TO 6107E0 040200072540 FAU 3000++ 0-0100005632 STD 6100++ LRS 7VG008 026000072535 FMP 2 07E+ 03000C005632 ORA N100++
060190077544
\$TO 6107EM
060100072545 CLA 5000+-076500000010 STO 6107EL 050000005640 5007F1 STO 6100+ STR 6100+ 050000072532 CLA 5007E+ U56000072545 LDQ 5 07EN 056000072537 LDQ 5 07EN 056000072543 LUQ 5 07EL LHS 7V008 026C00072536 FMP 2 07F+ CLA 5000\*-100002073463 TXI 80271T -012000073510 STG 6100++ 007400403631 7345C 076300000013 FMP 2 076+ 026000072505 FMP 2 025 FAD 3000++ 000000030053 STO 6107EN 00G000072505 HTR 0007E5 TSX 0(0-01 010000073470 710008 5UB 4207E-056000072543 FMP 2 0765 -012000073510 TMI J+07\*8 040200072546 TM1 J+07+8 040200072544 SUB 4207EM 002000073522 PAC 7+M013 056000372541 HTR 000308 026000072505 TZE 10071Y 010000073475 77E 10071• 026000072505 026000072505 FMP 2 07E5 -012000073510 040200072542 73470 LDQ 5 07EJ FMP 2 07E5 010000073502 -012600073510 5UB 4207EK 056000072545 LDQ 5 07EL 010000073507 FMP 2 0765 000000014154 LDQ 5 07EN 073744000107 PAC 7+M017 053400472513 SUB 4207F0 000000072702 TZE 1007•7 007400413472 1007+2 TM1 J+07+9 100002073515 TM1 J+07\*8 050060072550 007400413472 007409405642 73510 000000014154 HTR 0001J= 130306473524 TXI =36P=0 007400493710 TSX 010=8 000000072542 TXI 8027\*\* 073744000107 TSX 010Je= 100000073522 HTR G007G2 063400473561 TSX 0(0J)= 100001473526 CLA 5007EQ 063400473564 ISX 010-0K 100001473530 73520 PAC 7-M017 100001473532 TX1 501P++ 100002073545 LXA 510PE= 063400473572 SXA 610Pe= 073744000113 5XA 610P+/ 100007073540 TX1 8027+-TX1 801P+F 073744090111 SXA 610P+U TXI 801P+H G00000077554 8007 . P PAC 063400473567 SXA 610P+X 73530 SXA 610P+X 007400403710 TX1 80270-000000072556 HTR 006260 073744000117 PAC 7-M019 UU7400403710 TSX 0(0--8 U00000072546 G007E-HTR 0007E+ 073744000115 PAC 7+M01+ 060000072591 HTR HTR G007E-100002073552 TX1 80270-00G000072556 73540 TXI 8027•4 000000072556 PAC 7-401= 007400403710 HTR 0007EK HTR 0007E+ 05000007254+ CLA 5007EM 050000021552 STZ 6007E1 0007EM HTR 0007F+ TSX 010--8 TXI 202700 PAC 000750 -010000673576 050000072542 TNZ J007++ CLA 5007EK 04020000000 -010000073576 SUR 420000 FNZ J007++ 046200000000 SUB 42000 050000072547 CLA 5007EP -010000073576 TN2 J007++ 060100072501 73560 050000072540 040200000000 CLA 5007E- SUB 42000 73570 -010000273576 050000072546 SUB 420000 040200072557 052000021552 CLA 5002=-052000072\*01 ZEI \*- 37E1 10000' 477617 SUR 42000 002000073610 THA 0+07+8 130306473613 TXI =36P+= STO 61072501 STO 610761 010000073611 TZE 100709 063400473625 SXA 610P0E 1007\*\* 5007F0 050000021552 CLA 50020-73600 -010000073603 TN7 J007+3 73610 002000273735 052000072501 ZET 5+07F1 U53400472513 040200072557 CLA 50020-063400473623 SXA 610P+C SUB 4207E+ 100001473615 TXI B01P++ 050000072542 CLA 5007EK 063400473627 SXA 610P\*E 0+07\*\* LXA 5) OPE= TXI SXA 610P+G 050000072540 050600072544 100001473621 063400473631 060100000000 73620 G50000072540 CLA 5007E-050000072513 CLA 5007E-010000073644 72E 1007eM 053400472513 LXA 510PE-050100000000 053400472513 LXA 5109E= 050000021552 CLA 5002=-050000072513 5XA 610P+1 060100000000 \$10 610000 040000072514 ADD 4007E1 CLA 5007EK 060100072513 CLA 5007EM 130302473637 ADD 4007E\* 012000073645 TXI =32P\*\* 040200072557 STO 610000 \$10 6107F= 002000073652 05000000000000 0402000/2553 010000073651 73640 CLA 500000 002000073611 SUB 4207E\$ 0026-073632 TPL 1+07\*N 130302473654 TXI =32P\*\* TRA 0+07\*-063400473663 SXA 610P+T SUB 4207F+ 040200072514 TZE 1007+R 060100072514 73(50 0+07++ CLA 5007E= SUB 4207E+ 0500000021352 053400472514 LXA 510PE 130107473662 063400473664 060100072514 \$10 610761 050000072512 050200000000 040200000000 040200072552 TX1 =32P+S 050000021552 SYA 610P+U 040200072560 SUB 420000 002000073705 ELS 520000 -010000073675 CLA 5002+-040000072552 SUB 4707E-060100077512 SUB 4207E -010000073704 TNZ J007+4 002000073747 TNZ J007\*\*
002000073733
TRA 0+07\*\*
007400413672 CLA .007E+ 050000072515 CLA 5007F+ 073744000174 1007+1 CLA 5002\*\* TRA 0+07+5 ADD 400/F-1RA 0+07+5 002000073354 FRA 0+07.+ 100002073720 050000072512 CLA 5007E# 177777173711 040200024565 \$UB 4202NV 300000173165 040000072561 ADD 4007E/ 000000014154 73700 060100077515 \$10 6107E+ 0000000072721 73710 100002C7372C 073744000174
IX1 8027+ PAC 7-M01(
073744000174 063400173727
PAC 7-M01( SXA 6)00+G
002000C73712 007400473725
IXA 0+0/+ IXX 010P+E
000000056653 -052563233060
HIR 0005+ NETCH
0604070173753 063400402652 007400413672 TSX 0(0)== 100000073725 TSI 8007=E 007400473725 TSX 0(0)=E 000000077562 HTR 0007ES TRA C+07+P 00/400405642 154 C10-+K 002000073354 HOGelv 1410 000114 050000072550 CLA 5007EQ 007400473727 002000400001 TRA 0+0-01 002000073713 062100073742 73730 002000400001 T4A 0+0-01 007400405646 TSX 010P+G 100001073744 TXI 8917+M TRA 0+07.4 073744000292 TRA 0+97\*\* 100000073754 STA 6407+K 8007\*\* 010-00 PAC 7 • MO22 TX1 8007\*\* 063400473744 0000000001U HTR 000008 062100073100 077400456653 002000406001 044100071753 063400473750 LDI 4J07+\$ 050000400003 TRA 0+0-01 STI 640705 062100073115 SXA 610-F-U50009400004 SXA 6)0P+M 062100072777 SXA 610P+Q 610 . P C.I.A 500-03 STA 640/GY SIA 6A0710 STA 64071 CLA 500-04 STA 050000400005 CLA 500-05 0621000/3461 062100073006 STA 6A07H6 050000403007 062100073106 STA 6A0716 073480100000 062100073121 5TA 64071A -063400173211 U50000400006 CLA 500-06 050000400010 067100073015 STA 6A07H+ 073400100000 U6210007311 STA 6A071 73770 062100073117 STA 6A071\* 062100073124 -063400173200 74000 64071/ CLA 500-07 710800 SXG 010+4 CLA 500-08

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073400100000 -043400173203 050000460012 073400100000 -063400173200 PAX 710400 SED 070443 CLA 500-04 PAX 710800 SED 070440 050000400013 073400100000 520 010+0 073400100000 500-01 050000400G14 050000400015 063400173167 SID 010+1X 0634GG173175 073400:00000 -963400173172 \$40 D10-1-073406100000 PAX 710000 SED 010-1-0-3400173132 -0-3400173635 CLA 500-0\* CLA 500-G+ PAX 710800 -04340C173553 -06340C173461 050000400017 042100073160 SXC 010\*\*\$ 042100073350 S1A 6A07.U 100003174055 SEA 610-1-062100072734 STA 6A0761 SXD 010\*\*\* 062100073137 STA 6A071\* SXD 010++/ 06210C073576 STA 6A07++ CLA 500-04 062100373403 STA 6407+3 042100073701 050060403020 062100073645 CLA 500-0+ 042106073671 STA \*76=33 M:130 -00=60 -00=74 --2=8L 0,E=9, 0:=0F Risson
74130 -132033131657 -016415132063 -151375132417 -034422133157 -141175133773 -153757134253 -132525134403 -160125134607 100000136443 TXI 600=UL 01265" 1767 1F+=7X MTR 000=T= 143752132343 ixt \*+-=CL 115026133717 123172132213 TXI 01=B= 165611133567 171014132417 171014132417 171 48'=0+ 145734133773 74210 000000131043 151564131527 041120131377 000C00132547 HTR 000=EP 1522701340+7 150102133027 000000133233 7X1 --U=-G 000530133307 TX1 =CQ=F+ 165734134123 900000134403 HTR 009+M3 000000130543 157172134327 175710135013 175710135703 TXI +2++LG 74240 171014136033 TXI \*\*8=Q= 000000132137 127020132267 HTR 000=4= 171014134457 TXI 000-0. HIR U00001000071 -000000100000 HTR 001002 -00800 000001000107 -00000100000 74400 -000000100000 00100+ -00800 HTR 00100\* -90800 HTR U\_1017 000001000026 ~00000100000 000001000302 ~000000100000 HTR 001002 ~00000100000 000001000022 ~000003100000 000001000004 -00000100000 HTR 001004 -00000 000001000024 -000000100000 74410 -000000100000 000001000011 HTR 001009 000001000030 74420 -000000100000 001008 -00800 HTR 001000 -OCADO 02100F -00800 HTR 000001000042 -000000100000 000001000033 -000000100000 -00800 HTR 00100. -00800 000001000047 -000000100000 HTR 00100K -00800 000001000051 -000000170000 HTR 00100L ~00800 000001000067 -000000100000 74440 -000000100000 000001000070 HTR 00100P -00800 000001000076 -000000100000 HTR 00100R 000001000012 -000000100000 000001000023 -000000100000 000001000025 74450 -000000100000 HTR 001000 -00800 000001000031 -000000100000 -00800 HTR 00100+ -00800 HTR 001000 ~00800 HIR 00100E 000001000034 HTR 00100) 000000075066 300400074466 000310000001 74460 -000000100000 254524452563 HTR 00100) HTR 00079W ALL CONTAIN 254524452563 IR 001001 -00800 TIV ENDNE 254524452563 254524452563 TIX ENDNET TIX ENDNET 0000G1000073 -000000100000 254524452563 254525452563 TIX ENDYET TIX FNDNET 000001000075 -000000100000 74770 254524452563 TIX ENDNET 75000 -000000100000 254524452563 254524452563 TIX ENDNET TIX ENDNET 000001000077 --000000100000 000001000071 000001000107 00100 -00800 HTR 00100+ 00100+ -00800 HTR 000001000001 -000000100000 000001000002 -000000100000 000001000004 -0000001000 0000010000 HTR 001001 -00800 000001000011 -000000100000 -00300 HTR 001002 -00800 000001000022 -000000100000 HTR 001004 75020 -000000100000 000001000024 -200000100000 000001000026 HTR 001009 -00800 HTR -00800 HTR 001008 001000 000001000030 -000000100000 000001000033 -000000100000 000001000042 -00000100000 HTR 00100K -00800 000001000051 -00000100000 000001000043 75030 -000000100000 HTR 00100H -0080 000001000045 -00000010000 HTR 00100. -00400 00000100047 -00000100000 HTR 00100P -00800 -00800 75040 -000000100000 -00800 OOLUON -00800 HTR HTR COLOGR -00800 000001000076 - 00000100000 000001000070 -000000100000 000001000023 75050 -000000100000 000001000012 -000000100000 HTR 00100Y -00800 HTR 00100\* -00800 000001000031 -000000100000 HTR 00100C 300400075070 HTR 0010U# -00800 000001000034 000000074062 -00±00 75060 -000000100000 0007-5 -00800 00100F -00800 HTR 100100 -00800 HTR 001001 HTR H4070Y -00000000000 -00000000000000 75070 000310000001 -00000 000325000336 000331000336 000173000336 000127000336 000141000336 000143000336 000145000336 75400 -000000000000 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 000145000336 00014500036 00014500036 00014500036 00014500036 00014500036 00014500036 00014500036 00014500036 00014500036 00014500036 00014500036 000145000036 000145000036 000145000036 000145000036 000145000036 000145000036 00014500000000000000000000000 -00000 75410 000147000136

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ALL CONTAIN -100000000000 HTR 000000 900000 STR Q00000 0 000000074060 -1000000000000 300400076476 000310000001 000000127102 STR 90000 124422127112 TXI #MB#Z# -101364127065 STR 900060 76500 00000C127105 STR Q00000 124422127107 HTR 000#22 -101364127060 TXH H407U+ 124422127054 038001 TXI #M84Y = ~101364127073 76510 -073474127062 PDX P11+YS TX1 =8+\$Z' -101364127066 LGL PT+#Y= D=U+Y. 0=U+Y( 76520 000001000102 020000000000 020000000000 020000000000 MPY 200000 177746130563 TXI ++0=5T --101276132007 MPY 200000 200000130637 TIX +00=6+ -106640132137 MPY 200000 200000130767 TIX +00=7X -1060271322'3 MPY 200000 000000131323 001012 202166051000 TIX +AM580 000000131657 000020000020 HTR 00+00+ 000000131733 76530 000000000000 76540 200000131453 HTR 000==C -107166132343 175334127101 TXI #\*\*\* HTR 000=4. -106751133567 Q++++7 Q+++7 000000127077 HTR 000\*\*\* -025622133157 Q G=B= 103665127102 QZW\*CL 175334127106 Q\*\*=D\* 000000127111 76550 -107652132753 QXR\*\*X 103665127052 76560 000000127112 K+8+1+ 175334127051 000 + Y • -143413127053 -000000127056 +1=4Y\$ -004Y\* 000000036107 000001000103 -000000127057 -0044+ -001032450072 -143413127061 TXI 8.V+Y--137574127071 \*}\*\*Y/ \*)\*\*Y\$
000021212267 020000000000 76570 -022124127066 -143413127067 HTR 0003/7 000000000000 HTR 00000 200000134123 TIX +00×15 76600 07G00000000 02000000000 HTR 001613 -8+N0= HTR 001613 000000000000 HTR 000006 200000134177 T1X +00=J\* 020000000000 00002000020 HTR 00+00+ 00000000000 MPY 200000 MPY 200000 000504133717 011374133773 200000 MPY 200000 4133773 115263134047 1=[##, TAI 9-T#-P HTR 000000 026644134253 200000134533 -107512134737 TIX +U0=N.

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76620 -115035135067 -11150-135273 -107254135347 -000000135553 -163540135757 -117445136367 -114042130305 002103127073
RQeegx Res-, QeessP -00005 Qeesse Rghatk Ref-33 TTR 02303,
76630 130715127192 130715127103 130715127104 137543127105 (37436127106 625663127107 036640127114 -101320127052
REI #74622 TRI #76623 TRI #76624 TRI #6625 TRI #16426 2#7627 3 -62\* Qeest-76648 -101520127053 -101321127054 -101520127060 -101520127061 -072706127963 -073120127064 -101730127065 0000-00034163 PG4171 0200000000 P1++10 620006000000 76650 000001000104 -00106214C174 000000000000000 \$ +H4 YY HTR 0903/T 001014 MPY 2000G0 106543130563 TXI 8VL+5T -077727132267 PPY 200000 100275131043 TRI 82\*\*8L -077227132417 ₩Y 200000 076656121117 -05-11 07643013117 HTR 000000 076464131323 THE OC MTR 000007 850 70H=7, -100023132623 -101306132567 MRS 7MT=0P BSR 7M0=0C 76700 -100567132753 -076433133103 MOP 770\*\*\$ LGR P40\*\*\* -101367133233 200000127066 G-K\*\*\* TIX +000YN AUR P-G-D-000000127076 200000127103 BSF 11x +C0+23 05X=68 ₹0.-13 200000127110 11x +00+Z# -127427127052 -123403127055 76710 000000127107 HTR 200427 76720 -122732127056 -000021127136 -! COTS -999YX -16055 -04070 02000000000 02600000000 MPY 200000 MPY 200000 026261134253 023136134403 052 7371 34047 76736 029060000000 00000000000 76740 200G00134123 MIR 000000 116304134737 TIX +00-3C 25/-RS 21-wR3
76750 -124116135423 -130526135703 -000045136033 -127522136313 C20C000C00C0 0G2000003152 TRA 0+001-KIR 000000 77070 000C: 00000C MTR 10000 7710c 00031C000001 0000000 764 74 HTR 0007U1 000432130507 000000000000 000000000000 00000000000 60000000000 300400077100 PTR 000000 000000000000 HTR 000000 6000000000000 HTR 000000 P57662130357 14H H40720 053317130563 538001 77110 200002131043 HTR 00050^ 054366131453 HTR 200000 157470.31527 TRI +(Y=+G HTR 00+0C+ 054 3631 12267 517=8x 000000 14275012:063 000000127066
TXI 'GQ+Y' HTR 000+YW
-000000127105 -114357127106 MPY 200000 104725133513 MVY 200000 .00573136237 'X1 85.\*50 D+0+Y\$ 200 JUL HTR 621018 -62TUG -0=SO. 200000 MPY 200000 113372130303 TXI 9.==33 77230 020000000000 106752127065 104542127066
TXI 8X-9YY TXI 8NK4YW
-125022127102 -125022127103 77260 110675127062 TX1 96-047 T7270 -124175127100 104542127G67 TXI 8MK4YX -125022127104 113105127064 -003126127070 -TEFD -1F\*YY -000000036655 -003651127071 TX1 915+YU -122645127101 000602000001 -000706237414 -003W\* 206650756400 HTR 002001 0000000000000 -QB+12 -OB423 002000 00200 00200000000 174000000000 174 0+0000 174 0+0000 174 0+0000 174 0+0000 10000013655 014165130433 77300 -000000000000 174000000000 00000000000 TIX +WQ\*U0 200000130767 TIX +00=7X 173004132547 -00000 77310 000174500002 HTR 000000 000000131323 HTR 000006 200000131377 TIX +00==+ 173004133027 EXI 800-m-HTR J00==C 200000132477 TIX +00=F+ 011002 000=44 STR Q00=W= 173004131733 Tx1 = H4==. 173004133307 Tx1 = H4=.7 000000135067 000000137213 TX1 = H4=0. HTR 000=B=
173004133307 20000133363
TX1 = H4=-7 TIX +000=.T
000060135067 173004135217
HTR 070=0X TX1 = H4=-0
173004130563 206000131043
TX1 = H4=5F TIX +00=B:
173004132473 173004133437 TIA +00++3 173004133233 IXI #114=EP 200000133717 000504134123 TIX +00=\*\* 054=JC 200000135423 177454135703 00000013351. HIR 00C\*\*\* 0000001 342 53 77340 000000134327 TXI +4+++ MIR 00C\*\*\* 000000135347 HTR 000=K\$ 014353136033 000=LG HTR 000=07 HTR 000# \$P +00==C 000000131453 HTR 000=\*\$ 77350 173004136107 000000131173 HTR 000=7, 000000133567 173004137063 TXI •H4=+T 002270134403 173004132137 TXI #H4=A+ 020371134457 TXI +H4=/7 77360 000000132343 HTR 000+T= 000×0\* 77370 1/3004134533 000000134737 173004132753 006612134177 77400 000531134663 HTR 000=P+ G00000135013 TXI •H4=G\$ 000000130507 TCOG OW\*=J\*
0000001307i3 

77569 -200133806056 0000000000 0000000077542 300016077602 -201111116060 -206060606060 -2060606060 -2060606060 -2060606060 -2060606060 -2060606060 -2060606060 -2060606060 -2060606060 -2060606060 -2060606060 -2060606060 -2060606060 -2060606060 -2060606060 -2060606060 -2060606060 -2060606060 -2060606060 -2060606060 -2060606060 -2060606060 -2060606060 -2060606060 -2060606060 -2060606060 -2060606060 -2060606060 -2060606060 -2060606060 -2060606060 -2060606060 -2060606060 -2060606060 -2060606060 -2060606060 -2060606060 -2060606060 -2060606060 -2060606060 -2060606060 -2060606060 -2060606060 -2060606060 -2060606060 -2060606060 -2060606060 -2060606060 -2060606060 -2060606060 -2060606060 -2060606060 -2060606060 -2060606060 -2060606060 -2060606060 -2060606060 -2060606060 -2060606060 -2060606060 -2060606060 -2060606060 -2060606060 -2060606060 -2060606060 -2060606060 -2060606060 -2060606060 -2060606060 -2060606060 -2060606060 -2060606060 -2060606060 -2060606060 -2060606060 -2060606060 -2060606060 -2060606060 -2060606060 -2060606060 -2060606060 -2060606060 -2060606060 -2060606060 -2060606060 -2060606060 -2060606060 -2060606060 -2060606060 -2060606060 -2060606060 -2060606060 -2060606060 -2060606060 -2060606060 -2060606060 -2060606060 -20606060 -2060606060 -2060606060 -20606060 -2060606060 -2060606060 -2060606060 -2060606060 -2060606060 -2060606060 -2060606060 -2060606060 -2060606060 -2060606060 -20606060 -2060606060 -2060606060 -2060606060 -2060606060 -2060606060 -2060606060 -20606060 -20606060 -20606060 -20606060 -206060600 -20606060 -20606060 -20606060 -20606060 -20606060 -20606060 -20606060 -20606060 -20606060 -20606060 -20606060 -20606060 -20606060 -20606060 -20606060 -20606060 -20606060 -20606060 -20606060 -20606060 -20606060 -20606060 -206060 -20606060 -20606060 -2060600 -206060 -206060 -206060 -206060 -206060 -206060 -206060 -206060 -206060 -206060 -206060 -206060 -206060 -206060 -206060 -206060 -206060 -206060 -206060 -206060 -206060 -206060 -206060 -206060 -206060 -206060 -206060 -206060 -206060 -206060 -206060 -20606 THE 65-424,FLAUGHER J.G., MRBAM JGB 245 ACCUUNTING 111965 TOTAL 7044 TIME
TOTAL 7094 TIME
TOTAL CARDS READ
TOTAL CARDS PUNCHED
TOTAL LINES PRINTED
TOTAL TAPES USED

THE CHALLENGE IN GOOD PROGRAM DESIGN AND DEVELOPMENT IS TO DISTINGUISH USEFUL IDEAS FROM THE INGENIOUS

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 CONTROL SECTIONS INMAMENTAL O CHARING ILDOLOGERAL COMOS REFLECACION
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.CDDFL 11476

.FEXP 115C3

.FINE. 11523

.FRIR. (11766)

.FINE. 12176

.FILL. 12360

.REEC 12543

.FIOH. 12631

.FINE. 13672
 .LOUT
.FXFL2
.FPACK
.OUTBF
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 .DFLT
.FXFL3
.TEST
.CHAR
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.FOPY
 .FBIBF
.FRTB.
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12366
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 .FCT
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 .FRTN.
 FWRD
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-UN14. (14162)

-UN15. (14163)

-UN16. (14165)

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-FBT. 14242

-FEFT. 14463

-FRWT. 14563

-FRWT. 14700

-FSLI. 14700
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OPT
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16056
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NETCHG 73746
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72500
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 I/C BUFFERS
UNUSED CORE
CONTRCL CARD
READUP ?
NUMIN = 36
NAME ?= 74
E15 = 0 1 2 0 0 0 1
 74060 THRU 77763
 77764 THRU 17777
 READY CONTROL CARL
 000000000041NP1 MAX 1 0 01 1 -0 -0
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3 BIAS CHANGES
 C.2COOCCCC BIAS = -0. 1122 m521
 CCPP.

2. 1

7. 1
12. 1
17. 1
22. 1
27. 1
32. 1
 0.
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 1.0874475
n.
C.
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 3. 1
6. 1
13. 1
18. 1
 1.2206304
 61. 1 C.
66. 1 C.7440573
71. 1 C.
6 RIAS CHANGES
 C.0100C0C0 31AS = -2.74999991
 OUTPUT COMP. NUTPUT
 COMP. CUTPUT CCMP. OUTPUT
2. 2 O. O. O. C.
 CCMP. OU
 COMP. CUTPUT

1. 2 C. 7257502

1. 15 0.92575

2. 15 0.
*** 175 INPUT H1 INCENTIFICATION CORPECT
#INPS=0000C0CCC000 NCYCSRC00C00CCCCCC INDICE=0000C0CCCCCC
 6 BLAS CHANGES
 -1.57104719
 LEVEL 1 "S =
 0.20000000
 OUTPUT CCMP.

0. 3. 1
C.6515353 8. 1
O. 13. 1
O. 18. 1
D. 23. 1
U. 28. 1
C.5444663 33. 1
O. 33. 1
C. 43. 1
C. 43. 1
C. 53. 1
 COMF. 0
4.1
4.1
14.1
19.1
24.1
27.1
34.1
34.1
34.1
54.1
154.1
 OUTPUT
 5. 1
10. 1
15. 1
20. 1
25. 1
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 DUTFUT
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 0.6256498
 0.1252930
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0.3652047
 42. 1
47. 1
52. 1
57. 1
62. 1
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 0.
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0.5139492
0.
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48NGS
 55. 1
60. 1
 C.01000000 BIAS = -0.35259332
 COMP. CUTPUT CCMP. OUTPUT
2. 2 1.000000 0. 0 C.
 COMP. OUTPUT
 CCMP. DUTPUT
D. C D.
 *** 176 INPUT VI INCENTIFICATION CORRECT MINPS*COOCCOCCOC INCECTOCCCCCCC
 001PUT
0.
0.
0.4949681
0.
0.
 5 BIAS CHANGES
 C.2COCCCCC HIAS = -1.1714673C
 LEVEL 1 MS #
 CCMF. C
9. 1
14. 1
19. 1
24. 1
29. 1
34. 1
5 3. 1
44. 1
59. 1
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 CCMP.
 COMP.
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 2. 1
7. 1
12. 1
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6. 1
 11. 1
16. 1
21. 1
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0.
0.1510256
 0.8763532
0.
0.940C721
 37. 1
42. 1
47. 1
52. 1
51. 1
62. 1
).9259743
C.
 61. 1 7.
66. 1 7.
71. 1 C.
 C. 8243353
 C.C10000C0 HI45 = -3.17494991
 LEVEL 2 MS =
 CCMP. BUTPUT CCMP. BUTPUT CCMP. PUTPUT CDMP. BUTPUT 7-2 0. 0.0 0. 0.0 0.
 LOMP. DUTPUT

1 2 0.351476

SUM AC. 1 15 (-27515

SUM NC. 2 IS 5.
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\*\*\* 177 INPUT HT INCLUSES INFOCED INFOCED SUPPRESSION OF THE STATE OF

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4 BEAS CHARGES
 LEVEL) 45 =
 C.ZC000CCC 41A5 - -1.4764e705
 CCMF. (
4. 1
9. 1
14. 1
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 0.
 0.6216056
 0.6037672
 38. 1
43. 1
48. 1
53. 1
 G.
0.5232692
 30, 1
44, 1
47, 1
 41. 1
46. 1
51. 1
56. 1
 0.6185710
 0.
 0.
0.
0.4660848
- 2 -2 71. 1 U. C. A PLAS CHANGES
 C.01000000 RIAS = -1.03876440
 CUPP. 00
COMP. CUTPUT

1. 2 C.

SUM NC. 1 IS O.

SUM NC. 2 IS 1.05079
 CCMP. CUTPUT CCMP. TUTPUT CCMF. OC. 2. 2 1.0507903 0. 0 C. 9. 6
 OUTPUT 0. __
••• 178 INPLT V2 INCENTIFICATION CORRECT NCYCS2C00C0000C000 INDICT=000C0CCCCCCC
 5 BIAS CHANGES
 LEVEL 1 PS =
 C.2000CCCC BIAS # -1.08041918
 Output CGMP.

0. 3.1

0. 8.1
 5. 1 0.
10. 1 0.
15. 1 0.
 CCMF. GUTPUT 4. 1 0. 9. 1 0.
 CUTPUT
 วบีรัคบร -
 0.
0.
0.
 2. 1
7. 1
 0.
0.
0.
 1. 1
6. 1
 0.
 1.1473849
0.
0.
 0.0639796
 16. 1
 0.7033914
0.
0.
0.
 22. 1
27. 1
32. 1
37. 1
42. 1
 21. 1
26. 1
31. 1
36. 1
 0.
0.9236987 -
 0.
0.
0.
0.4931071
 0.
1.14736Cs
 0.
 71. 1 O.
3 BIAS CHANGES
 LEVEL 2 MS * 0.0100C0C0 81AS * -3.49999988
 0.00
 COMP. QUIPUT COMP. QUIPUT CCMF. QUIPUT COMP. QUI
 0UTPUT
1.0246919
1.02469
1. 2 1.02469

SUP NC. 1 IS 1.02469

SUP NC. 2 IS C.
 4 BIAS CHANGES
 LEVEL 1 PS =
 C.2000COCC BIAS = -1.34731396
 CUTPUT
 OUTPUE
 CUTPUT
 0.498/15)
 C.
 0.
0.
0.
 C.
C.1629661
 31. 1
36. 1
41. 1
 0.1777945
0.
0.
 49. 1
 54. 1
57. 1
 0.6855416
 61. 1 0.
66. 1 0.
71. 1 0.
1 H/AS CHANGES
 LEVEL 2 MS =
 C.01000000 BIAS - -0.09831855
 COMP. OUTPUT COMP. ORITHUT COMP. OUTPUT COMP. 30. 2. 2 1.0983186 Oc o C. C. C. C. O. O. O. O. O.
 COMP. CUTPUT
 1. 2 0.
SUP NC. 1 IS 0.
SUP NC. 2 IS 1.09832
```

\*\*\* 180 INPLY V3 MINPS=000000000000000

INCENTIFICATION CORRECT
NCYCSROCCCOCCOCCOCC
INDICT=000000000000

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5 BEAS CHANGES
 C.200000C HIAS = -0.89549717
 LèVEL
 CCMF. 0
4. 1
9. 1
19. 1
24. 1
5 29. 1
44. 1
47. 1
54. 1
59. 1
64. 1
69. 1
6. C
 COMP. OU 5. 1
10. 1
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10. 1
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40. 1
40. 1
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 OUTPUT
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 CUTPUT
 OUTPUT
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 c.
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 C.
 3. 1
9. 1
13. 1
15. 1
 0.6610711
C.
 2-60.3957
 0.
0.5090113
0.
0.
 15. 1
23. 1
28. 1
33. 1
35. 1
45. 1
53. 1
58. 1
 0.
C.5838415
 0.
 26. 1
31. 2
36. 1
41. 1
46. 1
 21. 1
32. 1
31. 1
42. 1
47. 1
57. 1
67. 1
 C. 6316459
C. 6316459
C. 6.
 3.3395671
C.
 0.
C.
 o.
 0.8983450
 0.
 66. 1 0.
71. 1 0.
6 81*5 CHANGES
 12.
 LEVEL 2 MS =
 C.010000CC HIAS =
 -2.74939991
 CRMP. CUTPUT CCMP. DUTPUT 2. 2 C. 0. 0 0.
 COMP. CUTPUT
1. 2 0.4044387
1 15 0.40444
2 15 0.
 COMP. OUTPUT COMP. OUTPUT
G. U O. C. O O.
••• 181 INPUT H4 INCENTIFICATION CONNECT
MINPS=000000000000 NCYCS=00000000000 INDICT=000000000000
 7 HIAS CHANGES
 LEVEL 1 PS =
 C.2000CCCC BIAS # -1.33080678
 CCMF. C
1 4. 1
9. 1
14. 1
19. 1
24. 1
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34. 1
44. 1
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64. 1
69. 1
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 5. 1
10. 1
15. 1
20. 1
25. 1
36. 1
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 CCMP.
 3. 1

3. 1

13. 1

18. 1

23. 1

28. 1

33. 1

35. 1

48. 1

48. 1
 1. 1
6. 1
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21. 1
 0.6773150
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22. 1
27. 1
32. 1
37. 1
42. 1
47. 1
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72. 1
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36. l
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0.6896912
 0.
 41. 1
46. 1
51. 1
 0.5637475
 53. 1
58. 1
63. 1
68. 1
 0.6807600
 56. 1 0.
66. 1 0.
66. 1 0.
71. 1 0.
5 BIAS CHANGES
 0.
C.
 0.
0.6732>62
 0.6501097
 C.01000000 BIAS = -2.99999991
 COMP. OUTPUT
C. O. O.
 INCENTIFICATION CORRECT NCYCS*COCCOCCOCC INDICT=000000CCCOCC
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E BIAS CHANGES

| LEVEL          | 1 MS =     | c.20000000 | 4145 ×     | -0.17 | 862439    |       |             |       |             |
|----------------|------------|------------|------------|-------|-----------|-------|-------------|-------|-------------|
| COMP.          | CHIPLIT    | CCMB GU    | TPUT       | cayo. | OUTPUT    | CCMF. | OUTPUT      | (IMP. | OUTPUT      |
| 1. 1           | 6-         | 2. 1       | 0.2579659  | 3. 1  | 0.2348576 | 4.,   | 1 0.        | ٠ د   | 1 0.        |
| 6. 1           | 2.6682307  | 7. 1       | C.         | 8. 1  | 0.2309451 | **    | 1 7,143764  | 5 10. |             |
| 11. i          | 7.         | * * * *    | 0.         |       |           | .4.   | 1 0.1601.6  |       |             |
| 16. i          | C.C129849  |            | C.1 171F76 |       |           | 19.   | 1 C.        |       |             |
| 21. i          | ۲.         |            | (.         | 23. 1 | c.        | 4 **  | 1 (         |       |             |
| 26. l          | າ.         |            | U.         | 25. 1 | ٠.        | 29.   | 1 0.022165  | 7 30. |             |
| 31. 1          | 2.         | 32. 1      | 0.         |       | c.        |       | 1 0.08 1237 | 4 35. | 1 0.        |
|                | N .        | 37. i      | 0.3245125  |       | Č.        | 23.   | 1 0.        | 40.   |             |
| 36. l<br>41. l | n.*        |            | 0.4713490  |       |           | 44.   | 1 7.        | 45.   |             |
|                | 0.2015054  | 47. 1      | o.         | 48.   |           |       | 1 0.136343  | 1 50. | 1 7.0553063 |
| 46. 1          | 3.         | 52. 1      | 0.         | 53. 1 |           |       | 1 4.        | 55.   | 1           |
| 51. 1          | · .        |            | Ċ.         | 58. 1 |           |       |             | 6(.   | 1 7.        |
| 56. 1          |            |            | r.         |       |           |       |             |       | 1 0.        |
| 61. 1          | 1,1503333  |            | 0.292884   |       |           |       | •           |       | 1 0.6471636 |
| 66. 1          | 7.1114504  |            |            |       |           | 0.    |             | С.    |             |
| 71             | J.         | 12.        | 0.1301181  |       |           |       | ` '*        |       |             |
| 2 019          | 5 1447055  |            |            |       |           |       |             |       |             |
| LEVFI          | , MS =     | c.6100m600 | H145 =     | -0.92 | 942342    |       |             |       |             |
| COMP           | 2111 0111  | CEMP. CL   | 1901       | CC42. | OUTPUT    | CLWE. | COTPUT      | CUMP. | 131901      |
| 1.             | 1.00000000 | 2. 2       | (·•        | 0. r  | ٠,        | t+    | ( ).        | 0.    | 1 1.        |
| c. 11 15       |            |            |            |       |           |       |             |       |             |
| C. 2 ks        | 1          |            |            |       |           |       |             |       |             |
| (, / ")        | •          |            |            |       |           |       |             |       |             |

SUM NC. #INPS+000010 to the State of th

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4 BIAS CHANGES
 LEVEL 1 MS #
 C.2000CGC0 AIAS = -1.35737-38
 CCMP.

3. 1
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 C.01000000 BIAS =
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 E BLAS CHANGES
 0.2000000
 BIAS =
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 CCMF. (
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61. 1 0.
66. 1 0.95950
71. 1 0.
6 BIAS CHANGES
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0.9595034
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 LEVEL 2 MS =
 C.01000CC0 31AS = -2.74999991
 COMP. QUIPUT
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 COMP. OUTPUT
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| 7 £1A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | C CHANGES            |         |            |       |         |       |             |      |        |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|---------|------------|-------|---------|-------|-------------|------|--------|--|
| LEVEL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 1 MS =               | 0.20000 | = 2A1H 37. | -).5  | 7698483 |       |             |      |        |  |
| COMP.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | CUTPUT               | CC4P.   | OLTPUT     | CCMP. | OUTPUT  | CCMF. | OUTPUT C    | CMP. | OUTPUT |  |
| 1. 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | ŋ.                   | 2., 1   | 0.0388601  | 3.    | 1 C.    | 4.    | 1 0.        | 5.   | 1      |  |
| 6. 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 0.                   | 1. 1    | L.         | ۰.    | 1 0.    | 4.    | 1 0.        | 10.  | 1 0.   |  |
| 11. 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | r.                   | 12. 1   | 6.5864770  | 13.   |         | 14.   | 1 0.1850060 |      |        |  |
| 16. 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | n.                   | 17. i   | 0.         | 19.   | 1 0.    | 19.   | 1 0.        | 20.  | 1 0.   |  |
| 21. 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 0.                   | 220 1   | 0.         | 23.   | 1 0.    | 24.   |             | 25.  |        |  |
| 26. 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | C.                   | 27. 1   | 0.         | 29.   |         | 29.   |             | 30 . |        |  |
| 31. 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 0.3755503            | 12. 1   | 0.         | 13.   |         | 3     |             | 35.  |        |  |
| 36. ı                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 0.1224233            | 37. 1   | 0.2724626  | ЗА.   | 1 0.    | 39.   |             | 40.  |        |  |
| 41. 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | `.                   | 42. 1   | 0.         | 43.   |         | ,     |             |      |        |  |
| 46. 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | r.                   | 47. 1   | 0.         | 4 B . |         | ę     |             | 50.  |        |  |
| 51. 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | ٦.                   | 52. 1   | ۲.         | 23.   |         | Y .   | · .         | 55.  |        |  |
| 56 · 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | A .                  | 57. 1   | υ.         | 54.   |         | Fy    | . 0.        | (0.  |        |  |
| 61, 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | e <b>.</b>           | 62. 1   | 0.5482052  | 63.   |         |       |             | 65.  |        |  |
| 66. 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | ١.                   | 67. 1   | 0.         | 69.   |         | 64.   |             | 70.  |        |  |
| 71. 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 0.                   | 72. 1   | 0.         | 9.    |         | 0.    | •           | ( .  |        |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | S CHANGES            |         |            | .,    | •       | • •   |             |      | •      |  |
| LEVEL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 7 #5 =               | 0.01000 | CCC BIAS = | -2.0  | 2549051 |       |             |      |        |  |
| ENMP.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | ายระบร               |         | CUTPUT     |       |         | U ME. | OUTPUT C    |      | great  |  |
| SUP NC. 2 15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 0.<br>n.<br>n. }n694 | 2. 2    | 0.5464377  | 0.    |         | ٠.    | · •         | fr • | ° •    |  |
| *** 186 INPUT VA INCESTED ATOM A COMMENT OF THE ATOM AND A COMMENT OF |                      |         |            |       |         |       |             |      |        |  |

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 6 ATAS CHANGES
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1. 2 0.9044387
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••• 187 INPUT MA INCYCA-GOOGOGOOOOO INDICT-00000000000 _
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 . LEVEL 1 MS +
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 56. 1 0.
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66. 1 0.
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4 8145 CHANGES
 60. 1
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 C.0100CCCC BIAS = -2.02549091
 LEVEL
 COMP. OUTPUT COMP. OUTPUT
2. 2 0.9869377 0. 0 0.
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 6 HIAS CHANGES
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 LEVEL 1 MS *
 C.2000COCC BIAS = -1.57104719
 CCMP.

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 ATAS CHANGES
 C.01000000 BIAS = -0.35259312
 COMP. CUTPUT CCMP. OUTPUT 2. 2 1.0000000 0. C C.
 CCMP. NUTPUT CUMP. OUTPUT
COMP. OUTPUT

1. 2 0.

SUP NC. 1 15 0.

SUP NC. 2 15 1.00000
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COMP. (UTPU7 COMP. OUTPUT ?. 2 0. 0. 0. 0.

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COMP. NUTPUT 1.2 0.9851 SUP NC. 1 15 0.9851 SUP NC. 2 19 0.

0.9851476 0.98515

••• 192 INPUT H2 INCENTIFICATION CORRECT NCYCS=(COOOOCOCOO INDICT=00-)0000000000

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3 PLAS CHANGES
 LEVEL 1 #5 .
 C.2000000 31AS - -0.91224571
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 6 REAS CHANGES
*** 153 INPLEM1 INCENTIFICATION CORRECT
MINPS=0000C0C0C0000 NCYCS=000CCCCCCCC INDICT=00000C0CCCCCC
 4 PIAS CHANGES
 LEVEL 1 PS =
 C.2000COCO BIAS = -1.35737558
 OUTPUT CCMF. OU

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 0.6340951
 LEVEL 2 PS = C.OLOOCCCO BIAS =
 -2.06385168
COMP. OUTPUT

1. 2 7.

SUP NC. 1 15 0.

SUP NC. 2 15 0.96616
 *** 194 | INPUT V5 | INCENTIFICATION CORRECT | NCYCSHOOCOOCOCO | INDUCT=000000000C
 4 PIAS CHANGES
 LEVEL 1 MS * C.20000000 RIAS # -1.47648905
 4. 1

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45. 1
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71. 1 0.

4 8145 CHANGES
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0.4660448
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 C.010000CC RIAS = -1.03886440
 COMP. DUTPUT COMP. DUTPUT COMF. DU
2. 2 1.0507903 0. 0 0. 0 0. 0
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1.05079
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1. 2
SUM NC. 1 15
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 OUTPUT COMP. OUTPUT
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#INDICATION CORRECT NOTES - SALE COORDING CONTRACT NOTES - SALE COORDING CO

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4 PIAS CHENUES
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 C.2000000 HIAS + -1.34731395
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 C.
2.4584159
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12. 1
17. 1
 1. 1
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 C-676505#
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20 - 4
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 C-1628661
 27. 1
32. 1
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 A MIAS CHANGES
 LEVEL 2 PS =
 C.0100CCCC RIAS = -0.09831855
 COMP. PUTPUT
1. 2 0.
. 1 IS 0.
. 2 IS 1.09832
 CCMF. Output COMP. Output
0. C 0. 0. 0. 0. 0.
 COMP. CUTPUT CCMP. QUI UT 2. 2 1.C783186 0. C C.
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 LEVEL 1 MS =
 0.20000000 RIAS - -1.08041918
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3 PIAS CHANGES
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 LEVEL 2 MS =
 C.OICOCCCC BIAS =
 -3.49499988
COMP. CUTPUT CCMP. OUTPUT
1. 2 1.0246918 2. 2 0.

SUM NC. 1 IS 1.02469
SUM NC. 2 IS 0.
 COMP. OUTPUT COMF. OUTPUT COMP. OUTPUT 0. 0 0. 0 0. 0. 0. 0.
2 PIAS CHANGES
 LEVEL 1 MS =
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 2 BIAS CHANGES
 LEVEL 2 MS =
 C.01000CCO BIAS = -0. 32942342
COMP. CUTPUT
1. 2 1.0000000
SUM NC. 1 IS 1.000000
SUM NC. 2 IS 0.
 COMP. OUTPUT COMP. OUTPUT 2. 2 0. 0. 0. 0.
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. BIAS CHANGES C.2000000 \*145 - -1.57104719 દેશના છે. \*\* 1 \*\* 1 \*\* 1 \*\* 1 3. 1 3. 1 13. 1 0. c. c. 0.6515253 C. G. 0.62564#9 C. : : : : : : : 19. 1 24. 1 34. 1 34. 1 44. 1 47. 1 54. 1 54. 1 64. 1 23. 1 24. 1 33. 1 36. 1 43. 1 53. 1 21. 1 26. 1 31. 1 34. 1 0. 0.5444563 C. 5. C. 6.5025675 6. 27. 1 32. 1 37. 1 3. 6. 6. 0.1252930 C. C.5973556 G. C. C. C. 0. 0. 0. c. 0.4287453 0.4287453 0. 0. 0.5139432 71. 1 C. 2 BIAS CHANGES LEVEL ? PS . DOD TO THE THE THE THE THE CATEGORIES #1#P\$=00000000000000 \*\*CYC\$=000000000000 LibitC1=00000000000 4 OLAS CHANGES C.200000CC BIAS + -1.34731396 3. 1 9. 1 13. 1 18. 1 23. 1 26. 1 33. 1 Output COMP. CUTPUT COMP. 0. 0. 0. 0. 2. 1 7. 1 12. 1 17. 1 22. 1 27. 1 C.2531261 4. 1 C.4574794 5. ---<u>--</u>12-1 6. 1 11. 1 16. 1 21. 1 26. 1 31. 1 36. 1 41. 1 46. 1 51. 1 9. 1 14. 1 19. 1 24. 1 34. 1 37. 1 44. 1 54. 1 54. 1 C. 6265059 15. 1 26. 1 25. 1 30. 1 c. c. o. C.1628561 32. 1 2.7777505 37. 1 42. 1 47. 1 52. 1 40. 1 45. : 56. 1 55. 1 C. C. £242595 C. C. £2 = -46. 1 51. 1 56. 1 0. ۶. ^. 61.1 0. 66.1 0. 71.1 0. 1 PLAS CHANGES LEVEL 2 PS = C.01000000 81AS = -0.07831855 CORP. CUTPUT CCMP. DUTPUT CCMP. 5 RIAS CHARGES LEVEL 1 PS . C.7000CCC HIAS -1.17146730 CCMP. OUTPU
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*** 202 INPLT V6 INCENTIFICATION CONNECT HONOROGODOC REVES+ODICIDIDADECEDIO INCICT+035000000000
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 COMP. 9UTPUT 2. 2 C.
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 0.7044387
3 CLAS CHANGES
 LEVEL 1 45 =
 C.2C0C0CCC HIAS = -0.41226521
 CUTPUT
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 COMP.
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 COMP. SUTPUT COMP. SUTPUT 7. 2 0. 0. 0. 0.
 COMP.
 CUTPUT
 1. 2 0.9257502
NC. 1 IS 0.32575
NC. 2 IS g.
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5 HIÁS CHANGES
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00 0046 00170

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 C.2000CCCU 11A5 + -0.379C0976
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1.2445824
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 50. 1 0.
61. 1 0.
66. 1 0.9595034
FI. 1 0.
6 HIAS CHANGES
 COMP. OUTPUT COMP. CUTPUT CCMP. OUTPUT

1. 2 0.4377683 2. 2 0. 0. C C.

SUM NC. 1 15 0.43777
SUM NC. 2 15 0.
 C.010000CC BIAS = -2.7499991
 COMP. OUTPUT COMP. OUTPUT
 *** 205 INPUT H6 INCENTIFICATION CORRECT
MENS-00000CCCC00C NCYCS-COOCOCCCCC INDICT-00000CCCCC
 7 BIAS CHANGES
 TPUT CCMF. 08
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C. 24.1
C. 34.1
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5 01AS CHANGES
 LEVEL 2 MS =
 C.01000000 81AS = -2.39993991
 COMP. CUTPUT

1. 2 0.

SUP ME. 1 IS 0.

SUB NC. 2 IS 0.347C4
 COMP. OUTPUT CCMP. OUTPUT COMP. OUTPUT COMP. OUTPUT 2. 2 0.9470363 0. C C. 0. 0 0. 0. 0. 0. 0. 0.
| 000 2C6 | INPLT V4 | INCENTIFICATION CORRECT | NEW CORRE
4 8145 CH NGES
 LEVEL 1 PS =
 0.2C0000CC 81AS = -1.35737558
 COMP. OUTPUT CCMP.

2. 1 0.9139456 3. 1
7. 1 0. 4. 1
17. 1 C. 13. 1
17. 1 C. 13. 1
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C. 4, 1
C.2342535 9, 1
 COMP.
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 C.5438461
C.
 LEVEL 2 MS *
 C.01000000 8145 = -2.06384168
 TCOMP. CUTPUI
1. 2 C.
. 1 15 O.
. 2 15 0.96616
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# 201 INPUT VS INCENTIFICATION CHRECT NOTICE TO CONCOCCONC

18

4 HIAS CHAY, ES LEVEL 1 MS = 0.20000000 RIAS = -1.47641905 CUTPUT CCMP. 2. 1 7. 1 12. 1 17. 1 22. 1 27. 1 32. 1 17. 1 OUTPUT C. 4. 1 9. 1 14. 1 19. 1 8. 1 13. 1 18. 1 23. 1 24. 1 33. 1 38. 1 C. C. C.6353574 0.0557030 20.-1 5.0216655 16. 1 0. 24. 1 24. 1 34. 1 39. 1 0.4945638 26. 1 31. 1 0. c. c. 35. 1 c. 40. 1 45. 1 30. 1 ₹%<u>.</u> 1 0.5153725 48. 1 53. 1 58. 1 47. 1 0.6185910 52. 1 57. 1 0. 54. 1 59. 1 0. C.1325888 G. C. 64. 1 61. 1 62. 1 0. o5. 1 ú. 70. 1 0.4660348 LEVEL ? MS = C.01000000 HIAS = -1.03886440 CCMP. CUTPUT 2. 2 1.0507904 CUTPUT CCMP. OUTPUT CCMF. OUTPUT COMP. OUTPUT 1. 2 G. 1 15 O. 2 IS 1.C5079 1.0507903 0. 0. 0. SUM NC. INPUT V2 INSENTIFICATION CORRECT · · · 2C8 MINPS=000000CC000 NCYCS=0000CCC000 INDICT=000000CCC00C Z BIAS CHANGES LEVEL 1 MS = C.2000CCCC RIAS = -9.17862439 UT COMP. OUTPUT

0. 5. 1 0.
0.1437645 TO. 1 0.1746467?
0.160120' 15. 1 0.
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0.0559063 PIJT CCMF. C C.2348596 4. 1 C.2809451 9. 1 C. COMP. CUTPLT CCMP. CUTPUT OUTPUT 1. 1 6. 1 2. 1 7. 1 0.2571659 0. 14. 1 .7. 1 24. 1 29. 1 34. 1 12. 1 17. 1 16. 1 0.0129849 0.1971876 19. 1 23. 1 28. 1 33. 1 0.0596554 00.00 C. C. 22. 1 27. 1 32. 1 37. 1 Ū. 36. 1 41. 1 0.3245125 38. 1 43. 1 0.0060236 0.2015054 0. 48. 1 47. 1 0. 0. 0.1303353 0.1114508 C. 0.0851514 C. 0. 53. 1 58. 1 52. 1 57. 1 54. 1 57. 1 0. 55. 1 0. 60. 1 0. 65. 1 0.2413419 70. 1 61. 1 66. 1 71. 1 63. 1 68. 1 0. 0 0. 0.0471636 67. 1 72. 1 0.2678344 & BIAS CHANGES LEVcL 2 45 = C.OlCCCCC SIAS = -0.92942342 COMP. OUTPUT 1. 2 1.0000000 SUM NC. 1 IS 1.00000 SUM NC. 2 IS C. COMP. OUTPUT COMP. OUTPUT 2.2 0. 0.0 0.0 ССМЕ. ПОТРОТ : СОМЕ. ЭОГЕОТ О. С. О. С. О. О. О. 0. . . 5 HIAS CHANGES "EVEL 1 MS . 0.20000000 BIAS = -1.08041918 CCMP. 3. 1 9. 1 13. 1 CCM+. 4. 1 9. 1 14. 1 19. 1 24. 1 34. 1 34. 1 49. 1 54. 1 OUTPUT COMP. CUTPUT Dateut 0. 0. 0. 0. 1.1473847 2. 1 7. 1 12. 1 17. 1 22. 1 27. 1 37. 1 COMP. 100100 5. 1 10. 1 15. 1 20. 1 20. 1 20. 1 35. 1 1. 1 6. 1 11. 1 0. 0. n. 0.,599278 0. 0. 13. 1 13. 1 23. 1 28. 1 33. 1 38. 1 43. 1 45. 1 0.0639796 16. 1 21. 1 ( • 0,00 36. 1 41. 1 0.3716 3 0. 42. 1 47. 1 0.3716 0. 0. 0. 0. 0.4931621 46. 1 51. 1 C+ 1-1473003 C+ C+ 52. 1 57. 1 62. 1 55. i

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Description of the same of the

3 MIAS CHANGES LEVEL 2 MS = C.010000CC RIAS = -3.49997988 \$0MP. OUTPUT COMP., OUTPUT CCMP. OUTPUT

1. 2 1.0246918 2. 2 0. 0. 0 C.

\$UM NC. 1 IS 1.02469

\$UW NC. 2 IS 0. CCMF. OUTPUT COMP. OUTPUT 6 BIAS CHANGES LEVEL 1 MS . C.20000000 BIAS . -0.33249859 CUTPUT COMP.

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21. 1 0. 25. 1 0.45 CUTPUT CCMP. C. 0.3050635 0.2080118 C. 0.0547679 C. C. C.5756022  $\frac{27.1}{32.1}$ 0.2601243 0.0930169 49. 1 54. 1 0. 0.6548767 63.1 60. 1 0. 71. 1 0. 4 BIAS CHANGES #S = C.01000CC0 51AS = -1.76293433 COMP. CUTPUT COMP. OUTPUT COMP. 5 BIAS CHANGES LEVEL 1 #S = 0.20000000 BIAS = -0.76236363 OUTPUT COMP. 0. 3.1 0.2219988 8.1 COMP. 2. 1 - 7. 1 - 72. T 13. 1 18. 1 23. 1 24. 1 29. 1 34. 1 39. 1 30. 1 43. 1 48. 1 53. 1 40. 1 45. 1 49. 1 54. 1 0.4037500 50. 1 55. 1 54. 1 0. 59. 1 0. 64. 1 0. 69. 1 0. 56. 1 0. 61. 1 0.GH10568 66. 1 C. 71. 1 0. 2 BTAS CHANGES 58. 1 63. 1 68. 1 0. 0 LEVEL 2 MS \* C.01000000 BIAS \* 0.84813987 COMP. OUTPUT COMP. GUTPUT CCMP. OUTPUT CCMP. ••• 212 INPUT VL 7 INEENTIFICATION CORRECT
MINPS=00000000CCC00 INDICT=00000000CC00 5 BIAS CHANGES LEVEL 1 MS = C.2000000 BIAS = -0.71191591 CCMP. ()
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C. C. 6781086 C. 6781086 C. 6781347 O. C. C. C.

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5 BIAS CHANGES C. 01000000 BIAS = -1.25714128 COMP. OUTPUT COMP. OUTPUT 2. 2 0.9567047 0. 0 0. CUTPUT 4 PIAS CHANGES LEVEL 1 PS = C.20000000 BIAS # -0.72256105 CCMP. OUTPUT COMP. OUTPUT
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7. 1 0. 10. 1 0.4504716
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9 13. 1 0. 20. 1 0. 1. 1 6. 1 11. 1 CUTPUT CUTPUT COMP. 2. 1 7. 1 12. 1 17. 1 22. 1 27. 1 C. C.2734162 0. 3. 1 8. 1 C. 7961172 13. 1 C.5948559 25. 1 30. 1 35. 1 C. C.1611075 26. 28. 1 32. 1 37. 1 42. 1 47. 1 33. 1 38. 1 43. 1 31. 34. 1 0.4798480 34. 1 44. 1 49. 1 54. 1 0.0813013 c. 8.4713677 50. 1 55. 1 48. 1 53. 1 52. 1 57. 1 62. 1 67. 1 C. 3689E14 0.5301555 65. 1 50. l 61. l 68. 1 0.2461207 66. 1 0. 71. 1 0. 2 BIAS CHANGES C.010COCCG 81AS = -0.63053045 CGMP. CUTPUT CCMP. GUTPUT 2. 2 1.0000000 0. 0 C. CCMF. UUTPUT COMP. OUTPUT 5 PLAS CHANGES C.200000CC RIAS = -0.91303CCC CCMP. GUTPUT 4. 1 0. 9. 1 0. 14. 1 0. OUTPUT COMP. QUIPUT CCMP. DUTPUT 2. 1 7. 1 12. 1 0. 1. 1 6. 1 11. 1 c. o. 10. 1 0.6414149 0. 0. 17. 1 22. 1 27. 1 0. ٥. 0.2642612 30. 1 32. 1 37. 1 42. 1 47. 1 52. 1 31. 33. 1 35. 1 40. 1 45. 1 38. 1 43. 1 48. 1 53. 1 41. l 46. l 0. 0. 0. 0.2357455 C. 60. 1 63. 1 68. 1 0. 0 62. 1 67. 1 72. 1 61. 1 66. 1 0.52025 71. 1 0. 4 BIAS CHANGES 0.4502560 0.5202575 1.0573706 C.0100CCCC 31AS = -2.49999991 COMP. CUTPUT

1. 2 0.

SUP NC. 1 IS 0.

SUM NC. 2 IS 1.09344 CCMP. OUTPUT CCMP. OUTPUT 3. 2 1.0434419 9. 0 C. 6 BIAS CHANGES - 2416 D0000000 = LEVEL 1 PS = OUTPUT OUTPUT COMP. DUTPUT 5. 1 10. 1 OUTPUT 1. 1 6. 1 11. 1 16. 1 21. 1 26. 1 3. 1 8. 1 13. 1 19. 1 29. 1 33. 1 2. 1 7. 1 12. 1 17. 1 1.0178206 U. C.3573583 0.20/0012 14. 1 19. 1 24. 1 29. 1 15. 1 20. 1 25. 1 30. 1 0.0463749 0.1960589 C.1319856 C.C511964 22. 1 27. 1 32. 1 9516د21،0 35. 1 40. 1 45. 1 50. 1 55. 1 0.1897841 0.2132333 0.2258636 37. 1 42. 1 47. 1 52. 1 57. 1 62. 1 67. 1 72. 1 0.2477297 0. 0. 0. 0. C. 7267236 0.1448356 0.5598727 0. 44. 1 51. 56. 61.

0.

63.

68. 1

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66. 1 71. 1

0.2557398

0.1428660

69. 1

The same and supplementary that the same and 
Mexicon to the companies with a second COMP. (16.1 10.1 0.2427470 SUM NC. 4.15 0.74763 SUM NC. 4.15 0.74476 (CY2. TW to a second that we should be second to the constant of the second term of the \*\*\* 216 INPUT VE 31 INFANTIFICATION CONCERNMENT TO ANOTHER TRANSPORTED TO A SECURITION OF THE PROPERTY OF THE 4 4115 ( 415 ) 5 EEVEL 1 MS + CARINOCONO HAS -2. 5356771 HERET 7.4115c4. 16. 1 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 1. 1 0.2109054 6. 1 C. 1. 1 9. Z MINS CHANGES 63. 1 63. 1 62. 1 67. 1 72. 1 LEVEL ? "S \* C.C.C.C.C.C. -145 \* -0.+1103005 S PIAS CHANGES LEVEL L MS + C+2(CGCCCC #145 + -0.37746726 COMP. CUTPAT COMP. GUTPAT 2.1 0.7720267 9.1
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47.1 CUTPUT C. C.5273C72 C.234C245 4.0 1 7. 1 14. 2 19. 1 24. 2 24. 1 24. 1 24. 4 54. 4 54. 4 54. 1 64. 1 64. 1 64. 1 0.493271 C. 0.5273072 0.2340245 7.32 0.2 0.2 0.4 0.4374140 0.005194, 0.137826, 0.1728631 71. 1 C.1208077 1EVIL 2 \*5 \* 0.01000000 HIAS = 0.60537531 COMP. OUTPLIT

1. 2 00

SUM NC. 1 15 C.

SUM NC. 2 15, 1.10000 

••• 218 INPUT VIDETS INCONTRIBUTION CORRECT INVICTABLE TO ACCES #1NPS+0000U000CCCO INVICTABOLE DOSC CORRECT INVICTABOLE DOSC CORRECT

4 H145 CF (6F5

| COMP. | CUTVUT | CORP. | COTPUT | COMP. | CUTVUT | COMP. 
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4 BIAS CHANGES
 C.2CCCCCCC HIAS + -0.>7796345
 LEVEL 1 MS .
 o.
 C.
O.
O.
C.
C. 3578107
 0.
2.
0.
 34. 1
37. 1
 46. 1
45. 1
50. 1
55. 1
60. 1
70. 1
 0.0643302
 36. 1
41. 1
 38. 1
43. 1
 5 PLAS CHARGES
 LEVEL 2 MS =
 C. 01000000 8145 = -2. 39999391
 CCMr. Output COMP. Output 0. 0. 0 0.
COMP. CUTPUT COMP. OUTPUT CCMP. QUTPUT

1. 2 0.9845240 2. 2 0. 0. 0 0.

SU* NC. 1 IS 0.98452
SU# NC. 2 IS C.
*** 220 INPUT HE 2 INCENTIFICATION CORRECT NCYCS**CCOCCCCCCC INDICT**000000000CC
 3 BIAS CHANGES
 LEVEL 1 #5 =
 C.2C000CC0 BIAS - -0.54213248
 COMP.
2. 1
7. 1
12. 1
 CUTPUT
 3. 1
8. 1
13. 1
10. 1
23. 1
28. 1
33. 1
 0.
0.
0.
0.
1.0021327
 19. 1
24. 1
29. 1
34. 1
 17. 1
22. 1
27. 1
32. 1
 0.
c.
c.
 0.1078246
0.
0.
 16. 1
 0.6138025
 30. 1
35. 1
40. 1
45. 1
50. 1
 26. 1
31. 1
 C.6218961
 C.843106/
 0.7463893
 0.1198085
 56. 1 0.

66. 1 0.

66. 1 0.

71. 1 0.

6 9.45 CHANGES
 58. 1
63. 1
 60. 1
 0.4577689
 C.01000000 BINS = -2.74999991
COMP. CUTPUT COMP. OUTPUT COMP. OUTPUT COMP. OUTPUT COMP.

1. 2 1.0593368 2. 2 C. O. C. Q. Q. Q.

SUP NC. 1 IS 1.05834
SUM NC. 2 IS C.
 OUTPUT
*** 221 INPUT HE 3 IDENTIFICATION INCORRECT.
MINPS=0000000000000 NCC000 INDIGT=070000000000
 4 HIAS CHANGES
 1 MS = C.2COCCCCC AIAS = -0.54347049
 CCMF. NUTRUT COMF. OUTPUT
4.1 0. 5.1 0.
9.1 0.5405315 10.1 0
 OUTPUT
 OUTPUT
 CCMP.
 COMP.
 COMP.
 DUTPUT
 ?. 1
7. 1
 13. 1
18. 1
23. 1
29. 1
33. 1
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0.5141757
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 C. 24. 1
0.9843464 29. 1
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 41. 1 0.

46. 1 0.

51. 1 C.2270145

56. 1 0.

61. 1 0.

66. 1 0.

71. 1 C.

5 Plas Changes
 42. 1
47. 1
52. 1
57. 1
62. 1
67. 1
72. 1
 44. 1
47. 1
54. 1
59. 1
64. 1
 0.3542950
 C.01000000 HIAS - -2.9999991
COMP. CUTFUT
1. 2 1.0096029
SUM NC. 1 IS 1.00980
SUM NC. 2 IS 0.
 CCMP. CLIPUT CCMP. NUTPUT 2. 2 0. n. C C.
 COMP. DUTPUT
C. U O.
```

THAS CHANGES C.2000COCO PIAS - -0.17031884 CCMF. OUTPUT COMP. 0.0003510020 13. 1 0. 0.1773142 12. 1 0.0835358 16. l 24. 1 29. 1 34. 1 0.0607091 0. 23. 1 c. 0. 0.6734020 33. 1 38. 1 43. 1 0.3126329 0. 0.7920135 0. + 39. 1 44. 1 36.1 . 0. 0-1072863 0. 0.Cl38897 
 c.
 59. 1
 0.
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 0.
 64. 1
 0.
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 0.

 c.
 69. 1
 0.3998899
 70. 1
 0.7266371

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 ♣ 50: 1 · 62. 1 0. 63. 1 67. 1 0.0388265 68. 1 72. 1 0.1113536 0. 0 2 BIAS CHANGES \_\_ LEVEL 2 MS + C.C10000CC BIAS = -0.88965291 \$0MP. OUTPUT COMP. QUIPUT COMP. QUIPUT CCMF. QUIPUT COMP. 223 TNPUT HL 5 INCENTIFICATION CORRECT MANPS-000000000000 NOVCS-COOCOOODGOO INDICT-000000000000 \_\_\_\_ 4 BIAS CHANGES LEVEL 1 MS . 0.2000000 BIAS . -0.22926711 CUTPUT CCMP. 0.0817747 — 3. 1 0. — 8. 1 0. 13. 1 0. 2. 1 1.0954331 7. 1 0.0538785 -15. 1 0. — 0. 0. 0. 0. 0. 0. 9341314 0. - 20. 1 0. 360485 - 25. 1 28. 1 33. 1 0. 27. 1 0. 32. 1 0. - 37. 1 0. - 42. 1 38. 1 43. 1  $--\frac{36}{41}\cdot\frac{1}{1}$ 0.0439877 56. 1 0.1695290 - 66. 1 0.1695290 - 66. 1 0.6484644 6C. 1 3 RIAS CHANGES LEVEL 2 MS = C.010000009 BIAS = -1.67959800 #INFS-000000000000 | NCYC9-00000000000 | INDICT-000000000000 4 BIAS CHANGES LEVEL 1 PS = C.20000000 RIAS - -0.35390979 COMP. CUTPUT OUTPUT COMP. OUTPUT COMP. **OUTPUT** COMP. 0. 0.2485[59 8.1 0.0695006 0.0.0 C. 0. 06 95 006 - 4. 1 0.2164244 10. 1 0.1701413 0. 0. 0.3226643 0.0272550 0.1344462 25. I 30. I 0.1644?13 C. – – 0.5397843 33 · 1 --: 41. 1 46. 1 51. 1 56. 1 0. 0.C535648 0. 0.4024778 0. C. 0.0650727 C. 0.2181649 0.0147142 6 BIAS CHANGES LEVEL 2 MS = C.01000000 BIAS = -1.34303324 COMP. DUTPUT COMP. CUTPUT COMP. OUTPUT COMP. DUTPUT COMP.

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C.20000000 AIAS + -0..7493741 CIMF. OU
4-1
55333C 7-1
14-1
369134 12-1
24-1
29-1
241710 34-1
49-1
49-1
54-1
334347 04-1
93-6 OUTPUT COMP. OUTPUT TPUT CCMP.
C.2270757 9. 1
C. 9. 1
C. 13. 1
C. 18. 1
C. 28. 1
C. 28. 1
C. 28. 1
C. 28. 1
C. 35. 1
C. 35. 1
C. 35. 1
C. 4251041 33. 1
C. 35. 1
C. 36. 1
C. 36. 1
C. 36. 1 1. 1 6. 1 11. 1 16. 1 21. 1 0. C. 0.155373C C.7069134 C. 1..086141 C.1521496 27. 1 32. 1 37. 1 47. 1 0.0663018 0.02+1710 0.7732116 0. 0. 40. 1 45. 1 56. 1 1.79/501 0.2/02047 0.0170517 0. 0. 0. 0. 46. 1 48. 1 53. 1 52. 1 57. 1 62. 1 67. 1 56. 1 61. 1 66. 1 0.5849103 C. O. C. 0.1034342 0.3443391 C. 60. 1 71. 1 0. 2 PIAS CHANGES C.01000000 91A5 = -1.00699231 COMP. OUTPUT
1. 2 0.9964733
SUP NC. 1 IS 0.99648
SUP NC. 2 IS 0. COMP. CUTPUT COMP. GUTPUT COMP. OUTPUT COMP. DUTPUT Z. 7 G. D. C. C. C. C. C. O. C. ... 226 INPUT HE 3-6 INCENTIFICATION CORRECT MINPS=0000000000000 NCYCS=000F30000000 INDICT=00300000000 1 BIAS CHANGES LEVEL 1 MS = 0.20000000 HIAS = 0.06944443 OUTPUT CCMF. D
C.06 34444 4. 1
0.06 34447 9. 1
0.06 34447 19. 1
0.06 34446 24. 1
0.06 34446 24. 1
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0.06 34447 64. 1 COMP. OUT 40 5. 1 42 1C. 1 46 15. 1 24 2G. 1 44 3C. 1 44 3C. 1 42 35. 1 DUTPUT CO'
1 0.0674440
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1 0.0674444 UTPUT 0.0674453 0.0694445 0.0694444 0.0694440 0.0694446 0.0694446 CUTPUT TPUT CCMP. OUTP
0.0694444 3. 1
0.0694444 9. 1
0.0694444 13. 1
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0.0694449 33. 1
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0.0694444 03. 1 OUTPUT CGPP. CCMP. - 1. 1 - 6. 1 11. 1 16. 1 21. 1 26. 1 31. 1 0.0634446 0.0634446 0.0634446 0.0634446 0.0634446 0.0634446 0.0634446 27. 1 32. 1 37. 1 42. 1 47. 1 52. 1 57. 1 62. 1 67. 1 35. 1 46. 1 45. 1 50. 1 55. 1 60. 1 70. 1 0.0694442 0.0694444 0.0694442 0.0694441 0.0694447 0.0694446 0.0674451 C.G694446 D.U694444 0.0674451 C-0694444 0.1694442 LEVEL 2 MS = C.01000000 RIAS = 0.47999664 COMP. CUTPUT CCMP. GUTPUT COMP. GUTPUT CCMF. GUTPUT COMP. CITPUT

1.2 0.4999972 2.2 0.5000028 0.0 0. 0.0 0. 0.0 0. 0.0 0.

SUM NC. 1 IS 0.50000

SUM NC. 2 IS 0.50000 1 BIAS CHANGES LEVEL 1 MS = C.20000000 BIAS = CUTPUT CCMP. 01 CUMP. 10 0.6694236 5. 1 0.6694542 10. 1 0.6694544 15. 1 0.6694579 25. 1 0.6694578 30. 1 CUTPUT 0.0694896 0.0694352 0.0694513 CCMF. OUTPO 7 4. 1 3 9. 1 5 14. 1 0 19. 1 2 24. 1 5 79. 1 COMP. GCMP.

3. 1

8. 1

13. 1

13. 1

23. 1

23. 1

33. 1

44. 1

53. 1

68. 1

0. 0 COMP. OUTPUT TUTTUC 0.0694475 0.0694415 0.0694415 0.0694620 0.0694157 0.0694295 0. UE 34737 0. UE 33467 0. UE 33467 0. UE 34336 0. UE 94336 1. 1 6. 1 11. 1 16. 1 21. 1 26. 1 0.0694215 0.0694475 0.0694548 0.0694473 2. 1 7. 1 12. 1 17. 1 22. 1 27. 1 32. 1 37. 1 42. 1 57. 1 62. 1 72. 1 0.0695062 0.0694309 0.0694147 0.0694331 79. 1 .4. 1 39. 1 44. 1 49. 1 54. 1 54. 1 63. 1 36. 1 35. 1 40. 1 45. 1 56. 1 55. 1 60. 1 70. 1 0.0694371 0.0694320 0.0694371 0.0694544 0.0694217 0.0694536 0.0694626 0.0694492 0.0694333 0.0694322 0.0694162 0.0694162 0.0694635 0.0694328 0.0694325 0.0694478 0.0694476 0.0694476 0.0694548 0.0694333 0.069426 C.069422 O.069416 56. 1 0.0694511 61. 1 0.0694433 66. 1 0.0694438 71. 1 0.0694475 1 BIAS CHANGES C.0694616 O.0694320 C.0694418 0.0694361 0.1674443 0.1694211 0.0634258 0.0633996 0.0694406 0.0614091 LEVEL 2 MS =

0.01000000 HIAS + 0.50000000

••• 228 INPUT ALL INENTIFICATION INCORRECT.
MINPS-0000000000000 NOYES-CONGOUCCOOD INDICT-90300000000

END OF IMPUT. SIMULATION COMPLETE.

MAIN TEST IS OUNT,

| _            | AC      |                  |                          | <b>P</b> 0    |                  | ê INC         |                  | KEYS          |                           | #41          | KR2                                      | X41           | X 4 4            |                | K#5         | AR6            | *41                 |    |
|--------------|---------|------------------|--------------------------|---------------|------------------|---------------|------------------|---------------|---------------------------|--------------|------------------------------------------|---------------|------------------|----------------|-------------|----------------|---------------------|----|
| 0            | 021000  | 04522            | 0021                     | 17001055      | C0120            | 2003074       | COOP             | 0000 60       | 0 67.<br>-10:             | 276          | 7/476<br>-00302                          | 00000         | 716c6<br>-06112  | -00            | 000         | 00000<br>00000 | 60000               |    |
|              |         | LNS              | CATE                     | 25            |                  |               |                  | SENSE L       |                           | 302          | 30 LUC                                   | - 011000      |                  | Sh11C          |             | -0000          | -(000               | .' |
| 0            | -4-116- |                  |                          |               | t of             | L             | 1                | 2             | 3                         | 4            | 04525                                    | · 1           |                  | ";             |             | · 5 ·          | 6                   | •  |
| = .          |         |                  | CFF                      |               | FF OF            | -             | UŁŁ              | UFF           | OFF                       | UFF          |                                          | OFF           | CFF              | UFF            | CFF         | OFF            | ባቶት                 |    |
| 90           |         | 000000           |                          |               | COCCCO           | 005100        |                  |               | 147,033                   |              | 100004522                                | 000000        |                  | 000000         |             |                | 00000000            |    |
| OC.          |         | TR 0             | 00000                    | HTR           | 000000           | TTR           | 040028           | HTR           | 001-0.                    | TTK          | 6/00/00/00 00 00 00 00 00 00 00 00 00 00 | HTR<br>1021U0 | 000000           | HT4            | 200000      | HTR            | 000000<br>2010000   |    |
| •            |         |                  | 85004                    | HER           | 000000           | HIK           | COCCOO           | 114           | 080080                    | HTR          | 000000                                   |               | 04008+           |                | 000000      | TTR            | +c0040              |    |
| 700          |         | 000000           |                          |               | 001055           | 000000        |                  |               | 4002171                   |              | 00000000                                 | 000000        |                  | 500000         |             |                | กด์จีจีกัดรัฐ       |    |
|              |         |                  | 00000                    | TTR           | OACC8.           | HTR           | 000000           | TXH           | LANGOH                    | HTR          | 000000                                   |               | <b>0</b> 00005   |                | 000000      | HTR            | 000000              |    |
| , 00         |         | 000000           |                          |               | 00C031           | 000000        |                  |               | 000000                    |              | 00000000                                 | 000000        |                  | 000000         |             |                | 30000000            |    |
|              | 4       | TR C             | 00000                    | HTR           | 000001<br>9 0004 | HTH.          | 000000           | HTR<br>ALL CO | 000000                    | 47H<br>00000 | 200000<br>000000                         | HTQ           | 000000           | HIK            | 000000      | нтк            | 000000              |    |
|              |         |                  |                          | HUNE          | 3 0001           | • • • •       | 00077            | 466 60        |                           | HTR          | 000000                                   |               |                  |                |             |                |                     |    |
| 700          |         |                  | 00000                    | 000000        | 000000           | 000000        | coccoo           | 00000         | 0000001                   |              | 065005037                                | 272746        | 000000           | 000000         | 000000      | 0600           | 65002025            | -  |
|              |         |                  | 00000                    | HTR           | 000000           | HTR           | 000000           | HTR           | 000001                    | TIX          | +0400+                                   |               | • • • • • •      |                | 000000      |                | • 6∪ <b>V</b> 0+0   |    |
| , 90         |         | 600450           |                          | 001202        | 003074           | 001505        |                  |               | 0000000                   |              | 000000000                                |               |                  | 052000         |             |                | 00000735            |    |
| Ã            |         | TZ • 6<br>020000 |                          | 010102        | 0 + 2 OH (       | 312262        | 0\$20HE          | HTR           | 000000                    | HTR          | 200000<br>000020000                      | 1XH           | ***7P*           | NZT :          | 91004       | ENB            | •10000<br>141000141 |    |
| -            |         |                  | ****                     | 0.0.0         | 112265           |               | 18575            | TRA           | 0+00232                   | HTR          | 000000                                   |               | 000000           |                | 001001      | HTP            | OCH01-              |    |
| O(           | 0110 0  | 000040           | C0170                    | 000000        | 00C174           |               | 000262           |               | 0400001                   |              | 000000076                                | 002160        |                  | 000047         |             |                | 0400002             |    |
|              |         |                  | CAOLY                    | HTR           | 004011           |               | 02'025           | TRA           | 0+0-01                    | TRA          | 0+000+                                   |               | 040028           |                | 000072      | TRA            | 0+0-02              |    |
| , 90         |         | 026520           |                          |               | 000224           | C00000        |                  |               | 000000                    |              | 000000000                                |               |                  | 000001         |             |                | 00005404            |    |
| 00           |         | RCE (            | )F-7**<br>1001.26        | 1 X 1         | 82 • C7D         |               | 706263           | HTR           | 000000                    | 918          | 200000                                   | 000000        | 110008           | 200000         | -01016      | TXI            | 8¢0004              |    |
| •            |         |                  | 0001F                    | TXH           | 100011           | TXH           | IBSYST           | -00000        | -00000                    | HTR          | 000005                                   |               |                  |                | 000000      | HIR            | 000000              |    |
| - 00         | 140 0   | 000010           | 00276                    | 000000        | 000000           | occcoo        | 0000000          | 00000         | 0000000                   |              | 013000262                                | 000015        |                  | 000014         |             |                | 3000300             |    |
|              |         |                  | .0105.                   | HTR           | 000000           |               | 000000           | HIR           | 000000                    | HTR          | 004025                                   |               | 00+02=           |                | 00°02k      | HTR            | 003036              |    |
| ୍ଦ           |         | 000030<br>TR 0   | 00306                    | 000002<br>HTR | 002032           | OCOCOZ<br>HTR | 002032           |               | 400C312                   | COO<br>HTR   | 004000312                                | 000005        |                  | 000005         |             |                | 0100(346            |    |
| Or           |         | 000020           |                          |               | 002032           | OCCC04        |                  |               | 00403 <b>*</b>            |              | 004031                                   | 11TA          | 00503+           | HTR (          | 00503W      | HTR            | 0000000             |    |
| •            |         |                  | 0203-                    | HTR           | 003030           |               | 604035           |               | 000000                    | HTR          | 300000                                   |               |                  |                | 330000      | HTR            | 000000              |    |
| - 60         |         |                  | 00262                    |               | 00C346           | 30555G        |                  | 00000         | 6000446                   | ČĊĊ          | 043000342                                | 000043        | 000402           | 000043         | 000416      | 0000           | 43000446            |    |
| 8 20         |         |                  | IC+025                   | HTR           | 004C30           | HTR           | 00604            | HTR           | 006040                    | HTR          | 00L 03k                                  |               | UOL 042          |                | 001.04.     | HT 4           | 00L040              |    |
| . 00         | 200 0   | 001742           | 1004 <i>77</i><br>311+4• | 200000        | 000000           | HTR           | 000000           |               | 100000                    | HTR          | 000077777                                | 990000        | 004712<br>0009P# | 0000000        | 00000       | OCOCE<br>HTR   | 00000000            |    |
| - 00         | 5210 O  | 520000           |                          |               | 00C214           | 052000        |                  |               | 0000012                   |              | 000000223                                | 056000        |                  | 3603000        |             |                | 000000              |    |
|              |         |                  | +007K                    | TRA           | 0+0021           | 2 E T         | 5+0027           |               | 0A002+                    | STO          | 000020                                   | LDQ           | 5 002H           |                | ROOOCR      | LDQ            | 5 002C              |    |
| - 60         |         | 750000           |                          |               | 006331           |               | 000000           |               | <b></b> ᲣᲥᲔᲑᲐᲣ <b>Ნ</b> Ნ |              | <u>000000</u> 26° –                      | (02000        |                  | 060000         |             |                | 50400214            |    |
| ,            |         | TTE 7<br>600004  | 0000                     | TTR           | OACG2A           | HTR           | 000400           |               | 000000                    | CAL          | N0002/                                   |               | 0+002-           |                | 600027      | AXT            | 7(0-21              |    |
| , 00         |         |                  | 00-44                    | 11X           | 40C230<br>+01-2H | 251           | 000207<br>5+0027 |               | 0000232                   | CLA          | 5000256                                  | 060000<br>STZ | 600078           | 0600000<br>STZ | 500300      | STZ            | 6000062             |    |
| " <b>6</b> 0 |         | 520000           |                          |               | 000240           |               | 600023           |               | 0000257                   |              |                                          | -050000       |                  | 060200         |             |                | 00005000            |    |
|              |         |                  | +0027                    | TRA           | 0+CC2-           | SEW           | 650C0C           | CAL           | N0002+                    | ZET          | 5+000S                                   |               | 40002            |                | E20008      | BTTE           | 7 0000              |    |
| 00           |         |                  | 00022                    |               | 00C250           |               | COC 300          |               | 0000203                   |              | 500000300                                | 002000        |                  | 312565         |             |                | 0000000             |    |
| ٠ ۵          |         | ET 5             | +000B                    | TRA<br>312245 | 0+C020<br>256763 | CLA<br>001323 | 500030<br>C00000 |               | 3/0023                    | SLW          | 62003C                                   | 184<br>000000 |                  | TXL<br>0013410 | 28545       | HTR            | 000400              |    |
| , 0,         |         |                  | 00000                    | TXH           | IBNEXT           | 001321        | 0*4000           |               | 000000                    | -( 00        | -00000                                   |               | 000000           |                | 0000€       | HTR            | 900000              |    |
| ' 00         | 270 -0  |                  |                          |               | 000000           | 001361        | 000000           |               | 000000                    | 000          | 00000047                                 | 000000        |                  | 001201         |             |                | 20000000            |    |
|              |         |                  | 00000                    | HTR           | 000000           |               | 0=/000           |               | 000000                    | 414          | 9,00000                                  |               | 200000           |                | 1+12++      | HTR            | 00000               |    |
| 00           |         | 000000           | 00001                    | 000000<br>HTR | 000000           | 001202        | 003074           |               | იიიბიი                    |              | 03000001                                 | 000000        |                  | 001503         |             |                | 0000000             | •  |
| ٥            |         | 000000           |                          |               | 000000           | 001204        | 0#2CH1           | CODES         | 000000                    | HTR          | 19^600<br>19^600000                      | HTR<br>000000 | 000000           | 0012050        | 193018      | HIP            | 000000              |    |
| •            |         |                  | 000010                   | HIR           | 000000           | 301101        | 0+41+K           | HTR           | 000000                    | HTR          | 030001                                   |               | 000000           |                | 0 * 5 0 3 B | HTR            | 000000              |    |
| 100          | 0320 -0 |                  |                          |               | 000000           | 001206        | 000000           |               | 0000000                   |              | 000000000                                | 000021        |                  | 001207         | 000322      |                | 00000000            |    |
|              |         |                  | C0000                    | HTR           | 000000           |               | 016000           | HTR           | 000000                    | HTR          | Cooroc                                   | HTR           | 004(9)           | (              | *703E       | HTR            | 000000              |    |

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SYMBOLIC
40 LOGICAL
40 U/II
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 6.4
 6.5
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 6.2
 61
 D6
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 9 164519 0 $5ETUP #(9) 276+015K

9 164519 0 $5ETUP #(6) C15x,918

9 164519 0 $5ETUP #(7) 1007;015K

9 164519 0 $4EFUP #(7) 00000,77777,6,0UMP

9 164519 0 $4EFUT F(7) USL....

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PEMOVE REEL 0001

+ 164612 0 EXECUTION
9 164614 0 INPUT CUNVERTED
9 164738 0 UNIT AT FILE2

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Supplemental Property

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 12/01/65
 CVERLAY ORIGIN CARDS AND ASSIGNED LINK NUMBERS
SORIGIN
 IS LINK
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SORIGIN
 BEGINA
 . PARENT LINK IS
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 BETAXX,12288
SOR IGEN
 GAMPAA, 30000
 IS LINK
 6. PARENT LINK IS
 PAGE 2
 12/01/65
 IBLCA
 . MEMORY MAP .
SYSTEM
FILE BLOCK ORIGIN
FILES 1.
 00000 [HRU 02717
 LNITOI
UNITOS
UNITOS
UNITOS
UNITO
UNITIO
UNITII
UNITIZ
FILEZ
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 4.
5.
 6.
7.
 10.
 LNITOS
10. CN1705
11. UN1706
FILE LIST ORIGIN
PRE-EXECUTION INITIALIZATION
CALL ON OBJECT PROGRAM
OBJECT PROGRAM
 03124
03152
 03203
 03210 THRU 7405,
 CONTROL SECTIONS (/NAME/#NON O LENGTH, (LDC)=DELETED, **NOT REFERENCED)
LINK DECK DAIGIN
 03210
03211
03212
 UN01
UN03
 .UN03.
 03211
 UNO4
UNO8
UNO9
 .UN04.
 03213
03214
03215
 .UN08.
 03213
03214
03215
 .UN10.
 UN 10
 UN11
UN12
MAIN
 03216
03217
03220
03332
 .UNII.
.UNII.
MAIN
RDCC
 03216
03217
(03220)
03566
 RDCC 1
 BTOF
BPOINT
.LINK
.LXCON
 03631
03710
03744
 BTOF (03631)
BPOINT (03710)
/-LDT / 03744
-LXSTR 04005
 BTOF (03631)
 /.LRECT/ 03753
 /.LVEC / 03767
 .LXRTN 04070
.LXARG 04417
.DFCUT 04451
 .LXSTP
.LXERR
.LFBL
.ATTAC
 04056
04255 •
04450
 04005
 04010
 .LXOUT
 IBEXIT
 04070 .
 04005
04073 •
04446
04455
04471
04542
04622
04667
 LXCAL
CLSE
DEFIN
 04073
04447
 .DBCLS
.LUNB
.CLOSE
.READR
 .LXARG
.DFCUT
.OFEN
.RELES
 .LO
 04440 •
 04461 * 04501 04545 * 04626
 04463
04511
04557
04642
 04465
04513
04565
04643
 04467
04524
04571
04645
 .100FF 04455
 .READ
 .BSR
.LTSX
.GU
 -LAREA
-ENTRY
-COMXI
 WRITE
 ·LFBLK
·GO4
·EX34
 .AREAL
 ·LUNBL
 .LOVRY (04674)
.LXSEL 05253
.LXIND 05377
.FFPT. 05412
 .LOVRY
 04674
 ALD T
 1037441
 AL RECT
 1037531
 -L VEC
 1037671
 05317 •
05404
05557 •
 LXCSEL
LXDIS
.FPOUT
 05254
05402
05547
 ·LXTST
·LXFLG
·FPARG
 05257
05403
05555
 .LXCVL
.LXCVL
.COUNT/
 .LXRCT 05330 +
 . FPTRP
 05412
 CIVELOW 05623 .
 05412
05632
05636
05642
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06301
06643
 .ERAS.
 E.l
CC.l
EXIT
FXEM
 05632
05636
05642
(05643)
 E.2
CC.7
.EXIT.
 05633
05637
05642
 E.3
CC.3
 E.4
CC.4
 05635
 FREM
 05646
 .FXCUT
 06206
 .FXARG
 06214
 /.OPTW./ 06270 .
 FOUT
FCNV
 .FOUT.
.FCUN.
.FDX2
 06301
06643
06701
07105
 .FCNV.
.DRC
.DDBC
 06664
06703
07143
 06674
07072
 .DBC10
 07034
 . DBC20
 . DDSw
 07102
 -DORS2
 .FLXSW
 .DDRS1
 07660
 07462 .
 07561
 PAGE 3
 12/01/65
 18 L CR
 .DFLT
.FXFL3
.TEST
.CHAR
.MQD
 07756
10413
10447
11434
11501
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.WID1H
.DONE
.DOFLG
 10404
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 10417
 10435
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10513
11477
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.FBDRF
.PEX
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 11202
11500
11505
 11476
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.FIOS. 12175
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.FHLR.
.FILR.
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 11523
 11624
 1172
 .FADT.
 11742
 FRIR
 11766
 12032
12335
12362 •
 120321
 FRIB.
 12072
12350
12372
 FRITE
 FIOS
 12175
 .FILL.
.RELD
.FIGH.
 12366 .
 REOF
 .TOUT.
 12535
 12360
 12543
12631
13672
 12544
13472
 .FCKSZ
 FIOH
 12631
 FWRU
FWRU
FRDD
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13716
13742
13770
 .FWRD.
.FWRB.
.FRDD.
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14014 .UN)2. (14152)

.FPDH.

FPRV.

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.unos. 14153
.uno6. 14154
.uno7. (14160)
.uni3. (14161)
.uni4. (14162)
.uni5. (14163)
.uni6. (14164)
.uni7. (14165)
.uni7. (14166)
.uni7. (14
 14153
 U405
 UN06
.UN07.
 14154
14160
14161
14162
14163
14164
14165
14166
14167
14263
14563
 .BUFS? 14155
 .0413.
 .UN14.
 .UN16...
.UN17...
.UN18.
FSQN
FBFT
FRM:
FSLN
FSLN
FSLD
FSLBO
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FSLBO
FSLBO
FSLD
 .UNI6.
 .F6D1.
.SL11.
.FSD0.
.FB00.
 14706 •
14725
15003 •
15040 •
 14720
14757
15014
15052
15111
15235
 .SD1.
 14733
 .SCII. 14741
 .SDC2. 15077
 .SLO2.
 15040
 . SOU.
 15065
 15255
15502
16056
16152
16524
20335
21021
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.ATTC.
.OPT
.RERI.
.GTIOX
.9SR.
.BASIO
 .TECR
.SHL
.OP9.2
.MEIT.
.RM7
 .JOINX
.OPEN.
.RERZ.
.EOFEX
.ENDIR
 15404
15756 •
 15450
15777
16136
 .cef1.
 -1005
 15714 •
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16'44
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 .SH9
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 16025
16137
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 .FEE IT
 17724 *
21016
 .ETOF 3
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 20466
 -Switc
 20515
 .10CSM 21022
 NETGEN
ISUMAI
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PUTRE
CONEC
 21022
31305
 NSTGEN (21022)
ISUMA 31336
GENXY 32657
PUTHEC 37756
CUNFCT 33235
 METGEN (21022)
 31360
32721
33004
 RSFILL
 33350
 RSF11
 34220
 IFICO
 IPTCUN 22524
 21022
 21022
 NETASL 32372
 12/01/65
 IBLER
 NETA2 32414
 NETAS2 34153
 NETSIN (21022)
READCC 25256
TPCK 25545
RDNFT 25712
 METSIM (21022)
 NETSIP
 21022
 READC 24644
TPCK1 25376
ROMET: 25573
WRINET 25740
 WRINET 26067
 LPRI
 26117
 DUMMY1 (30000)
 5 DUMMY1 30000
 DUMMY2 72460
NETCH 72500
 DUMMY2 (72460)
NETCHG 73746
 74060 THRU 77/63
1/0 BUFFERS
UNUSED CORE
CONTROL CARD
READOP= 2
NUMIN= 36
NAMES= 60
 77764 THRU 77777
 EYS=000005000020
READY CUNTROL CAPD
 000000000011P1 MAX 1 0 01 1 -0 -0 -0 -0 -0 -0 -0 -0
 READOP= 2
NUMEN, 36
NAMES= 60
MINPS=000000000000
 NCYC5=000000000000
 INDICT=000C00000000
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Land Marine

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| LEVEL | l MS 4    | 0.20000 | 0900 BIAS = | -0.00 | 10442 12  |       |           |        |        |           |
|-------|-----------|---------|-------------|-------|-----------|-------|-----------|--------|--------|-----------|
| COMP. | OUTPUT    | COMP.   | OUTPUT      | COMP. | CUTPUT    | COMP. | CUTPUT    | COPP.  | OUTFUT | ľ         |
| 1.1   | C.        | 2. 1    | 0.          | 3. 1  | C.        | 4.    | 1 0.      | 5.     | ı      | 0.        |
| 6. 1  | ċ.        | 7. 1    | 0.3333501   | 8.    | 0.4875074 | 9.    | ı c.      | 10.    | ı      | 0.        |
| u. i  | Ö.        | 12. 1   | 0.4015893   | 13.   | 0.020863  | 14.   | 1 0.25025 | 13 15. | ı      | 0.        |
| 16. 1 | 0.        | 17. 1   | 0.          | 18.   | ١ 0.      | 19.   | 1 0.      | 20.    | ı      | 0.0638344 |
| 21. 1 | o.        | 22. 1   | C.          | 23. 1 | 0.        | 24.   | 1 0.      | 25.    | ı      | 0.1754895 |
| 26. l | ċ.        | 27. 1   | 0.0218149   | 28.   | l 0.      | 29.   | 1 0.      | 30.    | ì      | 0.2458469 |
| 31. 1 | C.1327086 | 32. 1   | 0.          | 31.   | 0.147459. | 3 34. | 1 0.00021 | 37 35. | 1      | 0.3907708 |
| 36. 1 | 0.5053556 | 37. 1   | Ú.          | 38.   | 0.        | 39.   | 1 0.      | 40.    | l      | 0.        |
| 41. 1 | 0.        | 42. 1   | 0.0088070   | 43.   | 0.        | 44.   | 1 0.35930 | 34 45. | 1      | 0.        |
| 46. 1 | c.        | 47. 1   | 0.          | 48.   | 0.        | 49.   | 1 0.      | 50.    | 1      | 0.0735799 |
| 51. 1 | с.        | 52. l   | 0.          | 53.   | 0.        | 54.   | 1 0.30164 | 26 55. | 1      | 0.3329556 |
| 56. 1 | 0.        | 57. 1   | 6.          | 58.   | ١ ٥.      | 59.   | 1 0.      | 60.    | ı      | 0.        |
| 61. I | 0.2267457 | 62. 1   | 0.7176568   | 63.   | l 0.      | 64.   | 1 0.      | 65.    | 1      | 0.1014857 |
| 66. 1 | C.4649386 | 67. 1   | 0.          | 68,   | ١ ٥.      | 69.   | 1 0.      | 70.    | ı      | 0.        |
| 71. l | 0.        | 72. 1   | (.          | ا ود  | 0.        | 0.    | 0 0.      | 0.     | 0      | 0.        |

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3 BLAS CHANGES
 0.01000000 BIAS . 0.5922026.
 COMP. OUTPUT CUMP. OUTPUT 2. 2 0.6272621 0. 0 0.
 UUIPUT
 COMP. CUTPUT COMP. QUTPUT ... O O. O. O.
 C.2905075
0.29051
0.62726
 ••• 175 INPUT P1
MINPS=000000000000
 2 BIAS CHANGES
 LEVEL 1 MS =
 0.20000000 BIAS =
 -0.07845955
 COMP. (0
4. 1
9. 1
14. 1
19. 1
 COMP. CU
5. 1
10. 1
15. 1
 CUTPUT
1 C.2766152
 OUTPUT
 COMP.
 CUTPUI
 CUTPUT
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 OUTPUT
 COMP.
 3. 1
8. 1
13. 1
 C.
0.
 0.
 1. 1
6. 1
11. 1
 2. 1
7. 1
 0.
0.3585547
 0.
 0.
 0.3169867
 12. 1
 0.0089837
 16.
 17. 1
22. 1
27. 1
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0.0196443
 20. 1
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23. 1
28. 1
33. 1
38. 1
43. 1
48. 1
 0.
0.
0.1814199
 0.
 25. 1
 0.2290180
 34. 1
39. 1
44. 1
49. 1
 31. 1
36. 1
41. \
 0.1497540
 0.3485848
 40. 1
45. 1
50. 1
55. 1
60. 1
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0.1950213
0.C062157
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 0.3290240
 42. 1
47. 1
52. 1
57. 1
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 46. 1
51. 1
56. 1
 0.0.3545232
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 0.0748130
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C.0577080
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 54. 1
 0.1923181
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68. I
0. C
 65. I
70. I
0. C
 61. 1 0.29659
66. 1 C.19197
71. 1 0.
2 BIAS CHANGES
 0.2965910
C.1919714
 0.2098902
 0.3182543
 0.3789845
 62. l
67. l
 0.2721045
 Ò.
 LEVEL 2 MS =
 0.01000000 BIAS = 0.48436202
 COMP. 00175T
 CO.P.
1. 2
1. 15
2. 15
 CDMP. OUTPUT CUMP. OUTPUT COMP. CUTPUT 2. 2 1.0000000 0. 0 0. 0. 0. 0. 0.
 UUTPUT
 1.00000
*** 176 INPUT P2
MINPS=000000000000
 O BIAS CHANGES
 CUMP. 6. 1
9. 1
14. 1
 0.20000000 BIAS -
 OUTPUT
C-1676820
C-0009945
0-3970370
 OUTPUT
 COMP.
 COMP.
 CUTPUT
 CUTPUT
 COMP.
 0.1927487
0.1345330
0.0325555
0.0559394
0.0124537
 3. 1
8. 1
13. 1
 0.
0.
0.0306475
 2. 1
7. 1
12. 1
17. 1
22. 1
27. 1
32. 1
37. 1
42. 1
47. 1
52. 1
 0.0353805
 0.0395342
 1. 1
 0.
0.
0.2151960
 0.
0.0402042
 11. 1
 16. 1
21. 1
 18. 1
23. 1
28. 1
33. 1
 0.0422920
 0.0075360
 0.0079753
 0.0487482
 30. l
35. l
 0.1135738
 26. 1
31. 1
36. 1
41. 1
 0.
0.2097942
0.0671886
0.0707378
 29. 1
34. 1
39. 1
44. 1
49. 1
59. 1
64. 1
 0.2493844
 0.
 40. 1
45. 1
50. 1
 18. 1
43. 1
48. 1
 0.0374851
0.3889384
 0.0052608
 C.
 0.0358977
0.3756314
0.3347110
 0.
0.0072048
 0.0.3365052
 ů.
 0.
0.C555534
 0.
0.
0.3782814
 60. 1
65. 1
70. 1
 0.
0.0876938
 0.
C.1250846
 61. 1 C.12508
66. 1 O.
71. 1 O.
O BIAS CHANGES
 62. 1
 63. 1
 67. 1
72. 1
 68. 1
0. C
 0.00/0361
 - SAIB 10000010.0
 ٥.
 COMP. OUTPUT COMP.
2. 2 1.0649773 0.
 COPP. G
COMP.
1. 2
SUM NO. 1 IS
SUM NO. 2 IS
 COMP. 0012 :T
 DUTPUT
 TUPTUU
 CUTPUT
 0. 0
 1.06497
 2 BLAS CHANGES
 * 2A16
 -0.05116734
 0.20000000
 LEVEL
 COMP. OC. 5. 1
10. 1
67 15. 1
 COMP.
 OUTPUT
 GUTPUT
 OUTPUT
 091201
 COMP.
 0.2718455
 3. 1
8. 1
13. 1
 0.
 0.
0.
0.3426167
 0.
 0.
0.375780H
0.0408087
 6 % i
11. 1
16. 1
21. 1
20. 1
31. 1
```

0.0080232

0.084382H 0. C.

0.2941273

0.475#370

0.1095820 0.

20. I

25. 1

30. l 35. l

40. l

45. 1 50. 1 55. 1 60. 1

0.0652983 0.0058894

0.3245498

0.4687771

0.

0.

0.3059603

0.2661169

0.1305175

29. 1 34. 1 39. 1

49. 1 54. 1 54. 1 64. 1

12. 1 17. 1 22. 1

21. 1 32. 1 31. 1

42. 1 47. 1 52. 1 57. 1 62. 1

0.0586957 0.

0.0523036

0.3(11961 (...

0. 0.

1/4

28. 1 33. 1 38. 1

43. 1 48. 1 53. 1

58 - 1

0.

С.

41. 1

46. 1 51. 1 56. 1 66. 1 71. 1

0.4289425

6.0290461

0.1114738

THE PERSON OF THE PERSON

```
2 BIAS CHANGES
 LEVEL 2 MS .
 0.01000000 81AS # -0.64484833
 COPP. OUTPUT
2. 2 1.0000000
 CUMP. HUTPUT
1.2 C.
. 1 IS O.
. 2 IS ...0000C
 UTPUT CGPP. OUTPUT
 COMP. CUTPUT
0.0 0.
 SUM NO.
SUM NO.
 10ENTIFICATION INCORRECT.
NCYC>=000000000090 INDIC1=000000000000
 INPUT P4
 MINPS=0000000000000
 L BIAS CHANGES
 LEVEL L MS .
 0.20000000 BIAS =
 0.01136500
 0.1305842 IZ.
 PUT COMP. DUTPUT
0.0365251 4. 1 0.
0. 9. 1 0.
0.0485473 14. 1 0.
0.0072603 19. 1 0.
0. 24. 1 0.
0. 29. 1 0.
0. 34. 1 0.
 OUTPUT COMP.
0. 3. 1
0.2167034 8. 1
 COMP. OI 82 5. 1 86 10. 1 51 15. 1 63 20. 1 25. 1 30. 1 83 35. 1 80 40. 1 26 45. 1 70 50. 1
 109100
 OUTPUT
 0.1005882
0.0060186
0.4665451
 0.
0.
 8. 1
13. 1
18. 1
23. 1
 12. 1
17. 1
22. 1
27. 1
32. 1
37. 1
42. 1
 0.0257458
 16. 1
71. 1
76. 1
31. 1
36. 1
 0.1307842
C.
0.
0.
C.4505514
C.0685923
 0.1939778
0.0529798
0.4661755
 0.0037563
 0.
0.
0.0076583
 0.013/539
0.1539593
0.4734399
 0.0128480
0.0003126
0.4366270
 0.
0.
c.
 0.3098053
 0.0677392
 0.1583936
 0.
G.0168561
 52. L
57. L
62. L
67. L
 0.
0.
0.0092115
 53. 1
 0.
 0.024610b
0.0304592
 0.0/75342
 C.
C.
0.0422658
 0.1183682
0.
0.04/4654
 66. 1 C.
71. 1 0.04226
1 BIAS CHANGES
 0.01000000 BIAS = 0.40760504
 CUMP. UUTPUT COMP. OUTPUT COMP. OUTPUT

1. 2 0.4793544 2. 2 0.5206456 0. 0 0.

SUM NO. 1 IS 0.47935
SUM NO. 2 IS 0.52065
 COMP. 00
 CGMP. 0
 OUT PUT
 *** 179 INPUT P5
MINPS=0000000000000
 1 BIAS CHANGES
 1 MS = 0UTPUT C. C.
 000 81AS = 0.01069500

OUTPUT COMP. UUTPUT

0. 3.1 0.

0.1459049 8.1 0.

0.3928392 13.1 0.0

0.0724117 18.1 0.0
 0.20000000
 0.2000CCIMP.

2. 1
7. 1
12. 1
17. 1
22. 2
27. 1
32. 1
37. 1
 4. I 0.
9. 1 0.
 1. 1
6. 1
11. 1
 0.
0.0013475
 0.0547450
 0.
 0.1282017
 14. 1
19. 1
24. 1
29. 1
 0-0583434
 16. 1
21. 1
26. 1
31. 1
36. 1
 0.0714323
 0.0206460
 0.
0.
0.3283762
0.4540114
 0.0440022
 0.0027208
 18. 1
23. 1
28. 1
33. 1
38. 1
43. 1
 0.
0.
 0.0393907
 0.2824748
C.0845570
 0.
0.0294246
0.2940480
0.1026443
0.0115517
0.0692196
 34. 1
39. 1
 0.1366353
 57. 1
42. 1
47. 1
52. 1
57. 1
62. 1
 44. 1
49. 1
54. 1
59. 1
 0.0829022
 0.
C.
C.0889909
 0.0251542
 50. 1
 0.
0.
0.3429891
0.0115611
 53. 1
58. 1
63. 1
 55. i
60. i
 0.1090489
0.0331565
0.4537373
 0.4107447
0.
C.
 61. 1
 0.1176801
 0.0270203
 66. 1 0.
71. 1 C.
2 BIAS CHANGES
 65. I
 0.01000000 BIAS = -1.12229033
COMP. UUTPU!

1. 2 C.

SUM NO. 1 IS C.

SUM NO. 2 IS 0.+3219
 COMP. OUTPUT CUMP. CUTPUT 0. C 0.
 COMP. 00
 COMP. OUTPUT
0.0 0.
 OUTPUT
*** 180 INPUT PE
MINPS=000000000000
 C BLAS CHANGES
 = 2A18 00000000.0
 UUTPUT
C+1913250
C+
 OUT PUT
 COMP. OU
5. 1
10. 1
15. 1
20. 1
25. 1
30. 1
48 35. 1
40. 1
45. 1
55. 1
 COMP.
 CUMP
 C()MP. (
4. L
9. 1
4. '4. 1
19. 1
5. 24. L
 OUTPUT
 0.
0.
0.
0.
0.
0.
0.
0.
0.4345862
0.4345862
 2. 1
7. 1
12. 1
17. 1
 3. 1
8. 1
13. 1
 0.
 0.
 U. 1156863
 0.3153994
 16. 1
21. 1
26. 1
31. 1
36. 1
 0.0303619
 0.
 0.1677250
0.0911699
0.3247805
 ٥.
 22. 1
27. 1
32. 1
37. 1
 ٥.
 0.
0.0414448
 29. 1
34. 1
34. 1
44. 1
49. 1
 33 0 1
38 0 1
43 0 1
48 0 1
 0.2333006
 0.0323088
 0.
 0.0121586
 0.3/29434
 0-2947955
 52. 1
51. 1
62. 1
67. 1
 n.
U.
n.
 0.
 54. 1
59. 1
```

63. 1

6. (.3127783

0.26/6084 C. U.1140118

61. 1

0.0323235

70.

5 BIAS CHANGES 0.01000000 BIAS - 1.17500000 COMP. OUTPUT COMP. OUTPUT COMP. OUTPUT 1. 2 0.4757774 2. 2 0.5160377 0. C 0. 1 15 0.47578 2 15 C.51604 CUMP. 0. 0 DUTPUT COMP. CUTPUT 0. 0 0. SUM NO. INPUT P7 IDENTIFICATION INCORRECT. \*\*\* 151 NCYCS=0000000000000 INDICT=000C00000000 MEMPS=000000000000 2 BLAS CHANGES LEVEL 1 MS -0.2U000000 BIAS = -0.03173479 COMP. 00 OUTPUT COMP. OUTPUT 1 0. 1 0. DUTPUT OUTPUT COMP. COMP. 7. 1 12. 1 17. 1 22. 1 27. 1 32. 1 37. 1 42. 1 0.0503761 0. 0.3674664 0.0224925 0. 0. 0. 0.0543534 8. 1 13. 1 16. 1 23. 1 C. C.3194061 0.0141916 0.6092778 0.1664415 0. 0.5931783 0. 0. 0.0346972 0.3391232 40. l 45. l 50. l 0. 0.0528664 0.3529257 36. 1 41. 1 43. 1 48. 1 53. 1 0.3067189 44. l 0. 0.0212890 0.0070129 0.2545165 0. 0.4908419 0. 0.1157/84 0.0121945 0. 0. 0.0072941 0.0078439 62. 1 2 BIAS CHANGES 0.01000000 BIAS -0.52133514 COMP. OUTPUT COMP. OUTPUT 2. 2 0. 0. 0 0. COMP. OUTPUT 1. 2 1.0000000 1 IS 1.00000 2 IS C. COMP. QUTPUT 0.0 COMP. CUTPUT 0.0 0. 2 BIAS CHANGES 0.20000000 BIAS = -0.0780269 LEVEL 1 MS . 0utput L 0. L 0. OUTPUT COMP. OUTPUT 104100 COMP. 2. 1 1. 1 12. 1 C. 0.0568534 0. 1. 1 0.2762107 11. 1 16. 1 21. 1 0.3728836 C.2760267 O.4788977 0. 0.0537126 0. 0.2539342 0.0933529 0.0897269 30. l 35. l 40. l 0.4644635 33. 1 0. 0.0106431 0. 0.2012518 C. 36. 0.1758732 0.4405428 60. l 0.0606584 0.2312409 C. 0.1762360 71. 1 0.1762 2 BIAS CHANGES LEVEL 2 MS = CUMP. OUTPUI 1. 2 1.0000000 SUM NO. 1 IS 1.000000 SUM NO. 2 IS C. 0.01000C00 BIAS # -0.31532975 COMP. OUTPUT COMP. CUTPUT 2. 2 0. 0. 0. 0. C. COMP. 0 0UTPUT COMP. DUTPUT 0. 0 0. 

1 BIAS CHANGES 0.20000000 BIAS - -0.01418813 MS # OUTPUT OUTPUT 5. 1 0. 0.1394686 0. 0.3193034 0.0638386 0. 0.0359000 0.1042012 0.2476017 0.090643R 0.0352959 0.2764679 22. 1 27. 1 32. 1 37. 1 0.2430377 28. 1 33. 1 38. 1 43. 1 0.1013630 0.1303627 0.0101602 0.0623191 40. 1 0. 0.0117440 0.3089729 0.0089342 0.0048029 0.0263355 48. 1 53. 1 58. 1 0.4/34905 60. 1 65. 1 70. 1 0.0536378 C.1010449 0. ol. i C.0471931

THE PARTY OF STREET

```
5 BIAS CHAMGES
 0.01000000 BIAS .
 1.03562553
 0.1661590
 COMP. OUTPUT CUMP. CUTPUT 7. 2 0.7949166 0. C 9.
 COMP. CUTPLT
0.0 0.
 COMP. SUTFUT
0. 0 0.
 0.16616
SUM NG. 2 IS
 MINPS=000000000000
 2 BLAS CHANGES
 LEVEL 1 MS +
 0.20000000
 81AS #
 0.04057965
 COMP.
4. 1
9. 1
 CUMP.

5 3. 1

8 8. 1

13. 1

3 18. 1

7 28. 1

5 33. 1

38. 1

43. 1
 COMP. 0
 UUTPUT
 OUTPUT
 UUTPUT
 CUTPUT
 7. 1
12. 1
17. 1
22. 1
27. 1
 0.
0.0537164
 0-0422056
 0.
0.
0.0153148
 0.
 0.0077478
 11. 1
16. 1
21. 1
 C.3670586
O.4258984
O.
 14. i
19. i
 0.0532933
 0.
0.0337:37
 15. 1
 0.0835448
 20. 1
 0045567
0045567
00764505
 0.3708003
0.4366512
0.0175516
 25. L
30. L
35. L
 0.1254021
 0.0120056
 0.0265609
 0.0315845
 0.
0.
0.0073234
 39. 1
44. 1
49. 1
54. 1
 40. 1
45. 1
50. 1
 2.1399300
 0.0224686
0.4430697
0.0011173
0.0294007
U.0304404
 0.1266486
C.0089296
0.0121267
 42. i
47. i
 0.
0.1157689
 48. 1
53. 1
 0.
 52. 1
57. 1
62. 1
67. 1
 0.0475724
 0.0555500
 55. 1
 0.0400342
 0.0575249
 63. 1
 0.0128209
 66. 1 C.
71. 1 0.1389021
2 BIAS CHANGES
 0.0123756
 0.5507514
 0.4015356
 LEVEL 2 MS =
 0.01000000 BIAS -
 0.91523375
 COMP. CUTPUT COMP. OUTPUT 2. 2 1.0000000 0. C 0.
 COMP.
 OUTPUT
 CUMP. CUTPUT
0.0 0.
 COMP. OUTPUT
0.0 0.
1. 2
SUM NO. 1 IS
SUM NO. 2 IS
 0.
C.
1.00000
O BIAS CHANGES
 LEVEL 1 MS =
 0.20000000 BIAS =
 COMP.
5. 1
10. 1
15. 1
 CGMP. 0
4. i
9. i
8 i4. i
0 i9. i
6 24. i
29. i
 OUTPUT COMP.
 COMP.
 UUTPUT
 COMP.
 CUTPUT
 OUTPUT
 0.1929049
0.3119065
0.3340922
 0. 3. 1
0.2912695 8. 1
 1. 1
6. 1
11. 1
 2. 1
7. 1
12. 1
 8. i
13. 1
18. i
23. i
28. i
33. i
 0.
0.0995388
0.0029720
0.0109646
 0.
 0.
 0.
0.
9.
 0.
0.
0.2754310
 16. i
21. i
26. i
 17. 1
22. 1
27. 1
 0.3181178
 0.
0.0571118
 0.0656511
 29. 1
34. 1
39. 1
44. 1
49. 1
 0.1012591
 0.
 0.
0.0094791
 0.
G.4776081
 40. 1
 0.2169019
 43. 1
 50 .
55 .
 0.0727408
 0.3641346
 0.0032171
 60. 1
65. 1
70. 1
 58. 1
63. 1
 39. 1
 62. 1
67. 1
72. 1
 0.2493459
C.9213845
0.2224175
 0.0023715
 0.0104319
 0.
0.0637824
 0.
0.3512702
 3 BIAS CHANGES
 LEVEL 2 MS =
 0.01000000 BIAS =
 0.79928857
CDMP. OUTPUT

1. 2 0.4799681

SUM NO. 1 IS 0.47997

SUM NU. 2 IS C.57374
 COMP. OUTPUT COMP. OUTPUT 2. 2 0.5737432 0.0 0.
 COMP. OUTPUT
0.0 0.
 COMP. DUTPUT
0.0 0.
 0.47997
0.47997
C.57374
O BLAS CHANGES
 LEVEL L
 MS =
 0.20000000
 BIAS *
 C. 0167866 3. 1
C. 8. 1
O. 13. 1
 0.17017
0.2099175
0.3516213
 COMP.
 OUTPUT
 UT COMP. OU 0.1585976 5. 1
 2. 1
7. 1
 0.
0.
0.
0.C473911
 4. 1
9. 1
14. 1
 0.0079855
 10. i
15. i
20. i
 6. l
 0.0095063
 C.0724/16
 0.
 0.
0.4179134
0.
0.
 23. 1
28. 1
33. 1
 21. 1
 25. 1
30. 1
 22. 1
 0.0743347
 0.3570318
```

38. 1 43. 1 48. 1 53. 1

56. 63.

68. 1

0.4770267 (.3592523 0.0371417

0.3399095

42. 1 47. 1 52. 1 57. 1

0.1362363

0. 0. 0.

0.0535819

34. 1 39. 1 44. 1 49. 1

64. 1 69. 1 0. 0

0.0017253

0. 0.3443830

0. 0.

0. 0. 3080146

0.0548501

0.054#501 0. 0. 0. 0. 0.050#673

35. 1 40. 1 45. 1

50. i

60. 1

65. 1 70. 1 0. 0

( )

2 BIAS CHANGES 0.01000000 8145 -0.31706005 COMP. OUTPUT OMP. OUTPUT CCMP. CUTPUT 2. 2 0.9000279 0. C 0. COMP. CGMP. GUTPUT COMP. GUTPUT 0.0 0. 0. 1. 2 0.1742911 SUM NO. 1 15 0.17429 SUM NO. 2 15 G.90003 O BIAS CHANGES LEVEL 1 MS . 0.2000C000 CIAS = OUTPUT COMP. 01 02 5. 1 10. 1 15. 1 20. 1 COMP. OUTPUT C.2438225 0.2581502 0. 0. 0.3589764 0. 0.0314950 6. i 11. l 16. l 21. l 0.0181264 0. 0.2913611 0.C146085 0.3359415 0.0666786 0.0047556 0.0828838 C. D.0694306 26. i 31. i

C. C. O. C.0236529 0.5415801 70. I 0. 0.0915318 71. 1 0.0424495 5 BIAS CHANGES 0.3774140 LEVEL 2 MS = C.01C00000 BIAS -1.25524932 COMP. GUIPUT COMP. DUTPUT L. 2 1.0479210 2. 2 0.048 SUM NO. 1 IS 1.04792 SUM NO. 2 IS C.04845 0.0484478 COMP. COMP. CUTPUT 0.0 0. LT COMP. QUIPUT 0. 0.0 0 P. OUTPUT O.C O.

38. l 43. l 48. l

0. 0.0150087

C.0571532

0.0217416

0. 0. 0.4244090

0.0261630

39. 1 44. 1 49. 1 54. 1

10. 1 35. 1

50. 1

55. I

0.2846960

0.3522446

0.0308586

0.0591629 0.4053597

••• 188 INPUT P14 INDENTIFICATION CORRECT
MINPS=00000000000 NCYCS=000000000000 INDECT=000C00000000

32. 1

0.0289903

0.0036910

2 BIAS CHANGES LEVEL 1 MS = 0.20000000 BIAS = -0.02949449 001PUT COMP. OU

0. 4. i

1. 0. 9. 1

1. 0. 14. 1

1. 0.3422332 19. 1

1. 0. 24. 1

1. 0.645523 29. 1

1. 0. 34. 1

1. 0. 39. 1

1. 0. 39. 1

1. 0. 39. 1

1. 0. 3160100 49. 1 OUTPUT COMP.
0. 3. 1
C. 8. 1
0.0299700 13. 1 COMP. OUTPUT COMP. COMP.

3. 1

6. 1

00 13. 1

20 18. 1

17 23. 1

28. 1

33. 1 1. 1 6. 1 11. 1 0.3081993 0.2228148 0.1167156 16. 1 21. 1 26. 1 31. 1 0.4547420 U.0441979 C. 0. 0. 0. 35. 1 40. 1 45. 1 38. 1 43. 1 0.3687595 0.3206376 0.0110394 0.3160100 0. 0.0058175 0.0165612 50. 1 51. 1 0. 0.4026866 55. 1 60. 1 65. 1 70. 1 54. 1 59. 1 0.3414933 0.2880403 0.2006412 0.2667255 0.0762161 LEVEL 2 MS = COMP. OUTPUT 1. 2 SUM NO. 1 75 SUM NO. 2 15 --- 189

MINPS =000000000000

2 BIAS CHANGES

LEVEL 1 MS = 0.20000000 BIAS = -0.04757160 OUTPUI CUMP. 0
0.0330955 4.1
0. 9.1
1.1
0.2620386 19.1 OUTPUT COMP. OUTPUT COMP. CUTPLE 0. 1. 1 6. 1 11. 1 0.1810780 8. 1 13. 1 18. 1 23. 1 28. 1 0.5205836 0. 0. C.2402894 O. 0.4228160 20. l 25. i 0.3185233 0.4948283 0.0241863 26. 1 31. 1 30. 1 35. 1 0. 0.1624326 40. l 45. l 50. l 38. L 0.2694974 0.0141244 0.2865625 0.2088281 0.3714537 0.0038762 64. l 69. l 70. l 0.1357943 0.0117814

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```
I HIAS CHANGES
 0.01000000 6:AS = -0.08442743
 COMP. DUTPUT
 COMP. DUTPUT
0.0 (
 COMP. CUTPUT
0. 0 C.
 CUTPUT
 CUMP.
 104100
 1. 2 1.0849225
SUM N/J. 1 IS 1.08492
SUM N/J. 2 IS C.
 INPUT PI6 INDENTIFICATION CORRECT
00000000 NCYCS=000000000000000 INF
 *** 190 INPUT PI
 INDICT-000000000000
 2 BIAS CHANGES
 LEVEL
 l MS =
 0.20000000
 HIAS ×
 0.03910349
 CUMP.

1 4. 1

1 9. 1

14. 1

7 19. 1
 CUTPUT
 COMP. 00
07 5. 1
10. 1
09 15. 1
 7. 1
7. 1
12. 1
17. 1
 0.2405007
0.
0.0397109
 0.0847244
0.3406308
0.0315048
 0.007/104
 0.
0.0117998
 0.1808563
0.3163400
0.4614416
 20. 1
25. 1
30. 1
35. 1
 0.
0.1169275
 19. 1
24. 1
29. 1
34. 1
39. 1
44. 1
54. 1
59. 1
 21. 1
 0.0227711
 0.
0.4341403
0.1641427
 32. 1
37. 1
 0.0442981
0.0565854
0.0898363
 40. 1
45. 1
50. 1
 36. 1
 38. 1
 0.0300356
 0.3241582
C.0605227
0.0614493
0.1107346
C.0207855
 42. 1
47. 1
52. 1
 43. 1
48. 1
53. 1
 0.0057479
 0.0021863
 0.4418350
0.6454762
 51. 1
 G.C161084
 0.0483549
 57. 1
62. 1
67. 1
 0.0062396
0.
0.0626122
 58. I
63. I
 60. I
 6. 1 0.
1. 1 0.2561790
2 BIAS CHANGES
 0.0083623
 68. 1
 0.0910713
 0.0713691
 0.0157772
 LEVEL 2 MS =
 0.01000000
 BIAS = 0.45565137
 COMP.
1. 2
1 IS
2 IS
 COMP. SUTPUT
2. 2 1.000
 JIPUT CCMP. QUIPUT 1.0000000 C. C O.
 COMP. CUTPUT
0. 0 0.
 NUTPUE
 COMP. OUTPUT
G. O O.
 IDENT:FICATION INCORRECT.
NCYCS=000000000000 INDICT=00000000000
 INPUT P17
 MINPS=0000000000000
 . BLAS CHANGES
 0.20000000
 81A5 =
 CUTPUT COMP. OU

1 0.1042508 5. 1

1 0. 10. 15. 1

1 0.32J9347 20. 1

1 0.32J9347 25. 1

1 0.4043518 30. 1

1 0. 40. 1

1 0. 45. 1

1 0. 50. 1
 GUTPUT CCMP. (
0. 4. 1
0.0077612 9. 1
0. 14. 1
0.0423563 19. 1
0.3722595 24. 1
0. 29. 1
 UUTPUT
 3. 1
8. 1
13. 1
 COMP.
 DUTPUT
 0.
 0.
 0.0131286
 0.0043430
 0.0060349
 26. 1
33. 1
 26.
31.
 0.
 0.
 0.0436567
 37. 1
42. 1
47. 1
 38. 1
43. 1
 44. 1
49. 1
54. 1
59. 1
 0.0665540
 50. 1
55. 1
60. 1
65. 1
 0.2878634
0.3340414
0.0348746
 0.
0.
0.2264583
 46.
 0.0116642
 0.0194090
 0.
6.0213024
 0.2495590
 61. l
 62. 1
 63. 1
 0.
 66. 1 0.0224454
71. 1 0.2600813
4 BIAS CHANGES
 0.0095331
 0.0270652
. 0:45 = 0.65341164

CUMP. DUTPUT COMP. DUTPUT CUMP. DUTPUT

1:2 C.0083435 2.2 C.4066555 0.0 0.0

SUM NO. 2 IS 0.40666

SUM NO. 2 IS C.40666
 LEVEL 2
 0.01000000
 0.65341164
 COMP. OUTPUT
0.0 0.
 COMP. CUTPUT
0.0 0.
 INPUT P18 | INENTIFICATION INCORRECT:
00000000 | NCYC>=0000000000 | INDIC
 MINPS = OCCOC OUO OOO
 100101=000000000000000
 O BIAS CHANGES
 LEVEL (MS =
 0.20000000
 8145 =
 TUSTUU
 COMP.
 (UTPU) 0.4042544
 TUPTUD
 CUMP
 OUTPUT
 COMP.
 OUTPUT
 2. 1
7. 1
12. 1
17. 1
 · •
 3. l
8. l
 4. 1
9. 1
14. 1
 0.3616820
0.0014337
0.0046639
 5. 1
10. 1
15. 1
 0.4427870
 6.5670610
6.
0.0390560
 6. 1
 0.
0.
0.0054141
 11. I
16. I
21. I
 13. 1
18. 1
23. 1
28. 1
 0.1037346
 o.
 17. 1
22. 1
27. 1
32. 1
37. 1
42. 1
47. 1
52. 1
57. b
62. b
 19. 1
24. 1
29. 1
34. 1
 0.
0.
0.0352265
0.0340663
 20. 1
25. 1
30. 1
15. 1
 0.0514373
0.0136329
0.0467633
 C.
C.5082468
```

1218787

:)009677

36. 1 41. 1

6.0502381

0.1452775

44. 1 49. 1 54. 1 59. 1 64. 1

0.0462441 0.

1).

33 c 1 38 . I 43 . 1

63.

50. 1 55. 1 60. 1 65. 1

0.0212057

0. 0.0452628

0.0384647 0. 0.0415143

0.4377842

0.0123121

0.0354373 0.0186255 0.31 8876

0.0563839

と ことの 外内質

L BIAS CHANGES LEVEL 2 MS . 0.01000000 BIAS --0.08291328 COPP. UUTPUT
1. 2 1.0829130
SUM NO. 1 IS 1.08291
SUM NO. 2 IS C. COMP. SUTPUT 2. 2 0. COMP. OUTPUT 0.0 0. CUMP. OUTPUT 0.0 0. CUMP. NU19UT ••• 193 MINPS=000000000000 O BIAS CHANGES LEVEL 1 MS . 0.20000000 BIAS = ٥. COMP. UUTPUT CUTPUT COMP. CUTPUT CUTPUT OUTPUT 0.1027952

COMP. (
4. 1
9. 1
14. 1
19. 1
7. 24. 1
29. 1
9. 34. 1
7. 39. 1
44. 1 CUMP. 00 39 5. 1 10. 1 15. 1 1. 1 6. 1 11. 1 3. 1 6. 1 13. 1 0.2644539 0. 0. 2. 1 7. 1 0.4363750 0.0221493 0. c. 16. 1 21. 1 26. 1 31. 1 17. 1 0.5161009 0.0601938 0.0169745 0.3095799 0.1168147 30. 1 35. 1 40. 1 45. 1 C. 0. 28. l 0. 0.0491574 32. 33. l Ö. 37. 1 42. 1 0.0140904 0.0378107 0.0073364 0.4146816 0.0325587 0.0041425 0. 0. 0.3903523 47. 1 52. 1 57. 1 46. L 51. L 56. L 0.4047422 48. 1 49. 1 50. 1 0.1327858 0.0058948 0.3419479 0.0450947 0.0941855 0.0404166 61. 1 66. 1 71. 1 62. 1 67. 1 72. 1 63. 1 0.1665184 65. l 70. l 0.0575757 0.0717046 68. 1 0.5012389 0.0490408

1 BIAS CHANGES

LEVEL 2 MS = - 2A18 00000010.0 0.35001703

COMP. 0 OUTPUT COMP. OUTPUT 0.2604354 O.C O. COMP. OUTPUT 0.0 CUTPUT 0.6499830 0.64998 SUM NO. SUM NO. C.26044

INPUT P20 INDENTIFICATION CORRECT 000000000 NCYCS=000000000000 INDICT=0000000000000 MINPS=0000000000000

O BIAS CHANGES

LEVEL | MS . 0.2000C000 BIAS = ٥. PUT COMP. 0 0.0820161 4.1 9.1 OUTPUT COPP. UUTPUT OUTPUT CUMP. 01 15 5. 1 10. 1 **CUT PUT** 1. 1 6. 1 11. 1 0. 0. 0. 0.2910515 0. 0.0162441 C. C.0498565 3. 1 6. 1 0. 2. l 0.0153441 0. 14. i 19. i 16. 1 21. 1 0. 18. i 0.2887908 0.0194689 20. 1 23. l 28. l 33. l 38. l 43. l 0.5635881 0. 0.1054296 0.0897162 0. 0.0039122 0.0255922 0.0078678 25. 1 30. 1 35. 1 0.0013960 26. 1 31. 1 0. 0.0551469 32. 1 37. 1 42. 1 47. 1 34. 1 39. 1 0. 0.4580454 36. 1 41. 1 46. 1 51. 1 40. 1 45. 1 0.0055102 0.0113563 0.0072450 0.0261412 C.4680506 0.3423898 0. 48. i 0. 0.0016906 50. 1 52. 1 57. 1 62. 1 0. 53. 1 0. 56. 1 61. 1 66. 1 C. C. 0.0695948 0.0800906 0.3261746 G. 0.1414250 64. 1 69. 1 0. 65. l 68. l 0.0789244 67. 1 71. L O. 2 BIAS CHANGES

LEVEL 2 MS = 0.01000000 BIAS = -0.36151509

COMP. BUTPUT 1. 2 1.0000000 1. 15 1.00000 2. 15 0. COMP. OUTPUT COMP. OUTPUT 2. 2 0. 0. 0. 0. COMP. CUTPUT COMP. OUTPUT 0.0 0.0 0.0 0.0 SUM NO.

••• 195 INPUT P21 INDENTIFICATION GURRECT NCYCS=000000000000 INDICT=000000000000

3 BLAS CHAIGES

| LEVEL | L MS =    | 0.2000 | 0000 BIAS * | -0.14 | 42H1 76   |       |          |         |             |
|-------|-----------|--------|-------------|-------|-----------|-------|----------|---------|-------------|
| CUMP. | UUTPUT    | COMP.  | OUTPUT      | COMP. | CUTPUT    | COMP. | OUTPUT   | CUMP.   | OUTPUT      |
| 1. i  | 0.        | 2. l   | C.          | 3. 1  | 0.3469862 | 2 4.  | 1 0.     | 5.      | l 0.        |
| 6. l  | C.        | 7. l   | 0.          | e. l  | 0.        | 9.    | 1 0.3767 | 779 10. | 1 0.3448856 |
| 11. 1 | 0.        | 12. 1  | 0.          | 13. 1 | 0.        | 14.   | 1 0.     | 15.     | 1 0.        |
| 16. 1 | c.        | 17. I  | 0.3783226   | 18. 1 | 0.1807112 | ? 19. | 1 0.     | 20.     | 1 0.        |
| 21. 1 | v.        | 22. 1  | 0.          | 23. 1 | 0.        | 24.   | 1 0.     | 25.     | 1 0.        |
| 76. 1 | C.        | 27. l  | 0.          | 28. 1 | 0.3452526 | 29.   | 1 0.     | 30.     | 1 0.        |
| 31. L | 0.        | 32. l  | 0.          | 33. 1 | 0.        | 34.   | 1 0.     | 35.     | 1 0.        |
| 16. l | С.        | 37. l  | 0.3166624   | 38.   | 0.        | 39.   | 1 0.     | 40.     | 1 0.1778363 |
| 41. 1 | C.        | 42. l  | C.          | 43. 1 | 0.        | 44.   | 1 0.     | 45.     | 1 0.3613330 |
| 46. 1 | 0.        | 47. 1  | (°•         | 48. 1 | 0.        | 49.   | i 0.     | 50.     |             |
| 51. l | C.3669756 | 52. l  | 0.2862993   | 53. 1 | 0.1587048 | 54.   | 1 0.     | 55.     |             |
| 56. l | 0.        | 57. 1  | 0.          | 58. l | 0.34/0710 | 59.   |          |         |             |
| 61. 1 | 0.        | 62. 1  | 0.          | 63. L | 0.        | 64 .  | 1 0.     | 65.     |             |
| 66. l | ¢.        | 67. 1  | 0.          | 68. I | 0.        | 67.   |          | 10.     |             |
| 71. 1 | C.0904397 | 72. 1  | 0.          | 0. 0  | 0.        | 0.    |          | 0.      |             |

THE RESIDENCE OF THE PARTY OF

```
1 BIAS CHANGES
 - 2A18 00000010.0
 -0.09124850
COMP. GUTPUT COMP. DUTPUT
1. 2 1.0412485 2. 2 0.
SUM NU. 1 IS 1.04125
SUM NG. 2 IS C.
 COMP. DUTPUT
0.0 0.
 COMP. (
 OUT PUT
0 0.
 COMP. GUTPUT
0.0 0.
 *** 196 INPUT P2
MINPS*000000000000
 O BIAS CHANGES
 LEVEL 1 MS =
 0.20000000 BIAS =
 COMP. U. 5. 1
 COMP.
 OUTPUT
 OUTPUT
 COMP.
 CUTPUT COI
1 0.
1 0.
1 0.
1 0.
 CUTPUT
 0.
 0.1149236
 2. 1
7. 1
12. 1
17. 1
 0.4523360
0.
0.
 1. l
 0.0248294
0.4222672
G.4586455
0.0851142
 6. 1
11. 1
16. 1
 0.0577685
C.
 14. 1
19. 1
24. 1
29. 1
34. 1
 13. 1
 0.3411289
 20. L
 21. 1
 0.0342396
0.
0.0105619
 22. 1
27. 1
32. 1
37. 1
 0.0245427
 0.1063664
 28. 1
 0.0914859
 0.
0. J340286
 0.
 0.0746141
 35. 1
40. 1
 36. I
41. I
 0.0038320
 0.1102046
 45. I
50. I
 43. 1
 0.0027989
 0.5792515
 49. 1
54. 1
59. 1
 0.0027989
 47. 1
 0.4512397
0.0668293
 51. 1
 G.1266979
 55. 1
 0.0394959
 0.
0.
0.C269361
 0.0253515
0.0282796
0.4025128
 60. 1
65. 1
70. 1
 58. 1
 0.
 63. 1
 Q.
0.4227958
 0.1235827
0.0596725
 /1. 1
 LEVEL 2 MS = 0.01000000 BIAS =
 -0.09790410
COMP.
1. 2
SUM NO. 2 IS
 COMP. OUTPUT COMP. OUTPUT
2. 2 1.0979041 O. C O.
 OUTPUT
 COMP. OUTPUT
0.0 (
 COMP. CUTPUT
0. 0 0.
 0.
C.
1.09790
*** L97 INPUT P23 IDENTIFICATION INCORRECT.
MINPS=000000000000 NCYCS=000000000000 INDICT=C000000000000
 1 BIAS CHANGES
 LEVEL L MS =
 0.20000000 BIAS =
 0.01249187
 COMP.
 DUTPUT
 OUTPUT COMP.
0.0551682 3.1
 COMP.
 OUTPUT
 PUT COMP. (

0.3761644 4.1

0. 9.1

0.6654950 14.1
 UT COMP. OU
0.0076964 5.1
0. 10.1
0.0242791 15.1
 1. 1
 0.0439816
 0.0268568
0.0622340
0.4543883
 6. l
11. l
16. l
21. l
 7. 1
12. 1
17. 1
 0.
0.
0.0123915
 8. 1
13. 1
18. 1
23. 1
 C-4500217
 19. 1
24. 1
29. 1
 0.
0.0738717
 0.3458026
 20. l
25. l
 0.
0.
0.CA09175
 28. 1
33. 1
 30. 1
35. 1
 0.0037339
 34. 1
39. 1
44. 1
49. i
54. 1
 0.0278729
 32. 1
37. 1
 0.0362659
 40. l
 0.3844021
0.4874924
0.0759937
 36. 1
 43. 1
48. 1
53. 1
 0.0427180
 0.1069068
0.3095938
 0.
0.0792035
 0.0355767
 50. 1
 0.0909964
 0.0028685
 0.
C.1459567
O.0143574
 0. 0.1758832
 0.
6.1607826
 64. 1
 0.0269907
 0.0377224
 70. 1
 /1. 1
 2 BIAS CHANGES
 LEVEL 2 MS =
 0.01000000
 BIAS =
 -0.45259164
COMP. UUTPUT
1. 2 C.
SUM NO. 1 IS C.
SUM NO. 2 IS 1.0000
 COMP. OUTPUF COMP. QUTPUT 2. 2 1.0000000 0. C 0.
 COMP. CUTPUT
0.0 0.
 COMP. DUTPUT
0.0 9.
 (.
0.
1.0000C
 *** 198
MINPS=0000000000000
 O BLAS CHANGES
 LEVEL 1 MS =
 0.20000000
 BIAS .
 COMP.
 OUTPUT
1 0.3818591
 CCMP. (
4. L
9 9. L
7 14. L
4 19. L
24. L
29. L
 OUTPUT
 COMP.
 UUTPUT
 COMP.
 CUTPUT
 CUTPUT
 2. 1
7. 1
12. 1
17. 1
22. 1
 0.
 3. 1
8. 1
13. 1
 1. i
 10. i
 0.4648285
```

0.0577387

0.0130334

0.0321978

0.0172199

0.6539884

39. 1 44. 1 49. 1

30. 1

35. 1 40. 1 45. 1

50. 1

60. 1 65. 1 70. 1 0. 0

0.0407103 0.0247027 0.3504419

0.0013127

0.3496574 0.2807640

0.0401525

0.4352046

0.

18. 1 23. 1 28. 1 33. 1

48. 1

63. 1

0.

0.0426961

0.0801575

37. 1 42. 1 47. 1

67. 1 72. 1

16. 1

26. l 31. l

51. 1

0.0548353 C.2656659 C.0413961

0.3317878

C.1940402 U.2268329

0.6383461

フロイタ Contracts 1989年時間

```
2 BIAS CHANGES
 BIAS = 0.35303195
 0.01000000
 COMP. GL
 COMP. CUTPUT
0.0 0.
 OUTPUT
 CUMP.
1. 2
. 1 IS
 COMP. OUTPUT COPP. C
 ถบาคนา
 OUTPUT
 o.
c.
SUP NO.
 1.00000
 1DENTIFICATION INCORRECT.
 INPUT P25
MIMPS=000000000000
 1 BIAS CHANGES
 LEVEL 1 MS =
 0.20000000 61AS = -0.01451519
 COMP. 0.
36 5. 1
10. 1
15. 1
 3. 1
8. 1
13. 1
 COMP.

2. 1

7. 1

12. 1

17. 1

22. 1
 O. C589041 9. 1
O. 14. 1
 CUTPUT
 OUTPUT
 COMP.
 OUTPUT
 0.
0.
0.
0.
0.
0.0281943
 0.0700136
 1. 1
6. 1
11. 1
 c.
 C.

0.

0.

0.0357803

0.0293611

C.

C.
 0.
 0.4442096
 0.
 18. 1
23. 1
28. 1
 19. 1
24. 1
29. 1
34. 1
39. 1
44. 1
49. 1
54. 1
59. 1
 0.0247053
 16. :
 0.
0.
0.1508920
 25. 1
30. 1
35. 1
40. 1
45. 1
50. 1
55. 1
60. 1
 21. 1
26. 1
31. 1
 0.
 22. 1
27. 1
32. 1
37. 1
42. 1
47. 1
52. 1
 33. 1
38. 1
43. 1
48. 1
53. 1
 0.0073756
 0.C472306
0.2351436
 0.3964945
 0.
 0.
0.0853480
 0.
0.0295144
0.2057637
 0.0322476
 0.0539111
 0.0821016
 46. l
51. l
 0.1029007
0.2194409
0.3640863
 0.
0.
0.3459383
 0.
0.
0.3693633
 0.
 61. l
66. l
 0.4465099
 71. 1 U.2359638
3 8145 CHANGES
 LEVEL 2 MS =
 0.01C00000 BIAS = 0.37348147
 COMP. 0
 COMP. DUTPUT COMP. DUTPUT COMP. CUTPUT 1. 2 0.7836C51 2. 2 0.1684891 0. 0 0. 1 15 0.78361 2. 2 15 0.16849
 COMP. CUTPUT
 OUTPUT
 INDENTIFICATION CORRECT
NCYC5=000000000000 INDICT=000000000000
 *** 200 INPUT P2
MINPS=0000000000000
 INPUT P26
 O BIAS CHANGES
 LEVEL L MS =
 BIAS =
 0.20000000
 COMP. U. 5. 1
10. 1
15. 1
 OUTPUT C
0.2503348
0.0732740
 COMP. (
8 4.1
0 9.1
 TPUT COMP.
0.0612954 3. 1
 COMP.
 OUTPUT
 CUTPUT
 OUTPUT
 COMP.
 0.
0.
 0.
0.0173701
0.0351800
 1. 1
6. 1
 c.
o.
 2. 1
7. 1
12. 1
17. 1
 0.
 8. 1
13. 1
18. 1
23. 1
 0.0673601
 20. 1
25. 1
 0.0146904
 16. 1
21. 1
26. 1
 0.1132393
 0.0243668
 C.4389287
G.
 0.
 0.
 0.0191902
0.
0.4174326
 /9. I
 30. 1
35. 1
 0.3182527
 27. 1
32. 1
37. 1
42. 1
47. 1
52. 1
57. 1
 ٥.
 40. 1
45. 1
50. 1
 0.
0.
0.3382671
 36. I
41. I
 0.0732816
 38. 1
 43. 1
48. 1
53. 1
 0.
0.
0.
0.0280343
 49. 1
54. 1
59. 1
 0.0227631
 0.4910060
 0.0050489
 0.
0.C003756
 58. 1
63. 1
68. 1
 0.3416016
0.0604279
0.3023788
 0.3554624
 ٥.
 65. 1
70. 1
 0.0776238
 0.0262478
 1 BIAS CHANGES
 TEVEL 2 MS +
 0.09755276
 0.01000000 BIAS =
 OUTPUT COMP. OUTPUT 2. 2 0.
 CUMP. GUTPUT
0. 0 0.
 COMP. GUIPUT COMP. GU
0.0 0. 0.0
 COMP. OUTPUT
1. 2 C.902447
 OUTPUT
 SUM NO. 1 15 0.40245
SUM NO. 2 15 0.
 O RIAS CHANGES
 0.20000000
 LFVEL
 OUTPUT
 COMP. OU
5. 1
10. 1
15. 1
20. 1
25. 1
30. 1
19 35. 1
24 40. 1
 COMP.
 104100
 COMP.
 DUTPUT
 COMP.
 3. 1
8. 1
13. 1
18. 1
23. 1
28. 1
 4. 1
9. 1
14. 1
19. 1
24. 1
24. 1
34. 1
 2. 1
7. 1
12. 1
17. 1
22. 1
27. 1
 0.0279100
 0.0469284
0.0451648
 0.
0.
0.
 0.0127060
 1. 1
 C.
 11. 1
16. 1
21. 1
 0.0337874
0.1257387
 0.0159397
 0.
 ٥.
 0.
 0.0735120
 0.4311123
0.2153590
0.0506307
 26. L
31. 1
36. 1
 0.2305092
 32. 1
37. 1
42. 1
47. 1
 C.
C.0375751
U.
 38. l
 0.4143524
 44 c 1
49 c 1
54 c 1
 0.1929177
 41.
 e.
 48. 1
53. 1
58. 1
63. 1
 C. 10/ 125/
 υ.
υ.
 0.5584678
(.1654170
 0.
 0.
 0 0114887
0.
0.1494742
 U.
0.C5(389
 60. 1
 56. 1
 64. 1
 0.0006018
 61. 1
66. 1
71. 1
 62. 1
67. 1
72. 1
 0.
 0.5109519
```

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```
2 BIAS CHANGES
 LEVEL 2 MS =
 0.01000000 BIAS - -0.71227647
 OUTPUT COMP. OUTPUT
1.0000000 O. C O.
 CUTPUT
 COMP. GUTPUT
1. 2 C.
SUM NO. 1 I5 G.
SUM NO. 2 IS 1.00000
 INPUT P28 IDENTIFICATION INCORRECT.
00000000 NCYCS=000000000000 INDICT=DC0C0CC0000
*** 202 INPUT P2
MINPS=000000000000
 I BIAS CHANGES
 LEVEL
 0.2000C000 BIAS = -0.00937173
 COMP. D. 5. 1
5. 1
345 10. 1
15. 1
 COMP.
0.0956367 3.
0. 8.
 CUMP.
1. 1
6. 1
11. 1
 PUT COMP. (
0.1269631 4. L
0.0110842 9. L
0.0342822 14. L
 CUTPUT
 109100
 COMP.
 GUTPUT
 CUTPUT
 3. 1
8. 1
13. 1
 0.
0.5998345
0.0503891
 13. 1
18. 1
23. 1
70. 1
33. 1
38. 1
 17. 1
22. 1
27. 1
 0.0018049
 0.4776801
 0.0613128
 0.0067036
 24. I
29. I
 0.0552829
 0,0158544
 26. 1
 30. l
 0-3090043
0-0098220
0-0314920
 0.2782845
 0.1773746
 0.0434943
 0.0465948
 0.3122073
0.0443794
 50. 1
 53. 1
58. 1
63. 1
68. 1
 0.4316191
0.0548407
 52. 1
57. 1
 60. 1
 0.0646185
 0.0797082
 0.0197985
 0.0177910
 0.4853137
 0.0682231
 /1. 1 C.
1 BIAS CHANGES
 0.01000000 BIAS = -0.37053813
 LEVEL 2 MS =
COMP. UUTPUT COMP. OUTPUT COMP. UUTPUT
1. 2 0.2834089 2. 2 0.7165912 0. 0 0.
SUM NO. 1 IS 0.28341
SUM NO. 2 IS C.71659
 COMP. OUTPUT
0.0 0.
 COMP. DUTPUT
0. 0 0.
••• 203 INPUT P29 1DENTIFICATION INCORRECT.
MINPS-000000000000 NCYCS-00000000000 INDICT-0000000000000
MINPS=000000000000
 O BLAS CHANGES
 LLVEL 1 MS =
 0.20000000 BIAS =
 0.3308225 3.

0. 8.

0. 13.

0. 18.

0. 23.

0. 26. 1
 OUTPUT COMP. 0
0.1727017 4. 1
0.6045682 9. 1
0.1704336 14. 1
0. 19. 1
 CUTPUT
0.
 TUSTUD
 OUTPUT 0.
 CUMP.
 OUTPUT
 COMP.
 3. 1
8. 1
13. 1
18. 1
23. 1
 1. 1
6. 1
 C.0924669
 10. I
15. I
 0.1258449
 12. i
17. i
 0.1648579
 C.0U77668
 16. 1
 0.
C.
C.
C.
0.
 71. 1
76. 1
31. 1
 0.0346712
 0.0649121
 28. 1
33. 1
38. 1
 29. 1
34. 1
39. 1
 0.0184594
 0.
0.2994298
 0.
0.0126076
 0.0554300
 40. I
 0.0801457
 0.0537999
 0.
0.1315226
 48. l
53. l
 0.0976104
 0.1521217
 0.0196549
0.
0.1171800
 60. 1
65. L
70. 1
 0.0411477
 0.6647930
 0.4612690
 71. 1 O.
2 BIAS CHANGES
 LEVEL 2 MS =
 0.01000000 BIAS =
 0.37744735
 COMP. DUTPUT
2. 7 1.000
 OUTPUT
 COMP. CUTPUT
0. 0 0.
 COMP. GUTPUT COMP. QUTPUT 0.0 0.0 0.
 COMP.
1. 2 C.
SUM NO. 2 IS 1.00000
 1.0000000
••• 204 INPUT P30 IDENTIFICATION INCORRECT.
MINPS=000000000000 NCYCS=00000000000 INDICT=000000000000
 1 BIAS CHANGES
 LEVFL 1
 MS =
 0.20000000 BIAS =
 0.01323701
 COMP.
 CUMP.
 OUTPUT
 OUTPUT
 OUTPUT
 4. 1
9. 1
14. 1
 1. 1
6. 1
11. 1
 0.0287593
 0.4812523 3.1
0. 8.1
0.3240686 13.1
 0.0134928
0.0454346
0.3555056
 0.
0.
0.0307097
 0.4799076
 0.
0.0548061
0.0137554
 0.0476957
 20. 1
 74. 1
29. 1
34. 1
 0.0121474
 0.0295398
 0.0277243
 0. 0. 3619265
 26. 1
 28. 1
33. 1
 0.3704964
 0.0691174
 C.0864151
 32. 1
 3 . 1
```

0.0247635 0.0750198 0.0119039

0.0300170

0.0490961

38. l 43. l

43. 1 53. 1 58. 1 63. 1 68. 1

C.U104248 U.U100822

U.0190204 U.0777730 U.0001897

0.0548006

62. 1

61. 1

0.3256021

0.0392970

39. 1

59. 1

0.0325108

0. 0.0609482

0. 0.0733705

0.0118146

40. 1

55. 1

60. 1 65. 1 70. 1

0.0111478

0. 0.3171335

Lord Military and Military Company

```
1 BLAS CHANGES
 0.010000C0 BIAS - -0.36541057
 LEVEL 2 HS .
 COMP. CU
0. 0
 COMP. OUTPUT CUMP. DUTPUT
2. 2 0.8931018 O. C O.
 CUTPUT COMP. 0UT
 001901
COMP. OUTPUT
1. 2 C.1068942
SUM NO. 1 IS 0.10690
SUM NO. 2 IS C.89310
 IDENTIFICATION INCORRECT.
NCYCS=0000000000000 INDICT=000C0000000
*** 205 ENPUT P31
MEMPS=00000000000000
 2 BIAS CHANGES
 0.20000000 81AS - -0.03248352
 LEVEL L MS -
 OUTPUT COMP.
0.2898872 3. 1
0. 8. 1
0.0346324 13. 1
 COMP. (
4. L
8 9. L
7 14. L
 OUTPUT
 CUTPUT
 COMP.
 OUTPUT
 0.
0.4785332
 0.
0.1161068
 1. l
6. l
 C.
 3. 1

8. 1

13. 1

18. 1

23. 1

26. 1

33. 1

43. 1

43. 1
 10. i
 20. 1
 0.
0.1580805
0.0594715
 16. i
21. i
 17. 1
 ?5. 1
30. 1
35. 1
 0.3029837
 0.
0.2724101
0.0274872
0.5190942
 26. 1
31. 1
34. 1
 0.0103953
 0.
0.0365568
 32. 1
 40. 1
45. 1
 37. 1
42. 1
47. 1
 0.0494941
 0.
 0.0176294
0.3484335
0.0552301
 0.1075410
 49. I
 55. 1
60. 1
55. 1
70. 1
 52. 1
57. 1
 53. I
 58, 1
63. 1
68. 1
0. C
 0.
0.3185126
 0.4645002
0.4926449
 O BLAS CHANGES
 LEVEL 2 MS .
 0.01000000 BIAS -
 0.
 COMP. OUTPUT COMP. QU'PUT COMP. CUTPUT COMP. QUIPUT 2. 2 0. 0. 0 0. 0. 0. 0. 0. 0. 0.
 COMP. OUTPUT

1. 2 0.9344958

1 15 0.93450

2 15 0.
 2. 2
 SUM NO.
SUM NO.
 ... 204
 MINFS=00000000000
 1 BIAS CHANGES
 0.20000000 BIAS = -0.00831455
 LEVEL 1 MS =
 OUTPUT COMP. OUTPUT
 COMP. CUTPUT
 COMP. DUFPUT
 COMP. CUTPUT
 COMP.
 4. 1
9. 1
14. 1
19. 1
24. 1
 0.0314356
0.0205541
0.4021898
 0.
0.
0.
0.
0.4268590
0.0475029
 2. 1
7. 1
12. 1
17. 1
 1. 1
6. 1
11. 1
 0.4247367
 10. 1
15. 1
20. 1
 0. 209576
 13. 1
16. 1
23. 1
28. 1
33. 1
 0.0562562
 0.0180789
 0.4330059
 21. l
 26. 1
31. 1
36. 1
41. 1
 3.2367256
3.4166094
 34. 1
39. 1
44. 1
49. 1
 0.0137479
 35.
 0.0093103
 0.0925953
 40. 1
45. 1
50. 1
55. 1
 0.0987166
 0.093809
 48. 1
53. 1
58. 1
 54. 1
59. 1
 0.1010903
 0.2234373
 0.
0.0529937
 60. 1
65. 1
70. 1
 0.0501827
0.0447701
0.0128640
 0.
0.=385060
 0.0710819
 0.0516174
 62. l
67. l
 0.0306686
 2 BIAS CHANGES
 0.01000000 BIAS = -0.30080928
 COMP. OUTPUT COMP. OUTPUT COMP. OUTPUT 2. 2 0. 0. 0. 0. 0. 0. 0.
 COMP. DUTPUT
1. 2 1.00000
SUM NU. 1 IS 1.00000
SUM NO. 2 IS C.
 CUMP. 3U*PUT
0.0 0.
 1.000000
 1 BIAS CHANGES
 COMP. U. 5. 1
10. 1
15. 1
 0.20000000
 81AS = -0.01095322
 LEVEL 1 MS .
 TPUT COMP.

0.1004168 3. i
0. 8. i
0.0603736 13. i
0. 18. i
0. 23. i
0. 28. i
0. 33. i
 OUTPUT COMP. (0. 4. 1 0.1392233 9. 1
 DUTPUT
 CUTPUT
 OUTPUT
 COMP.
 0.
 0.
 1. 1
6. 1
11. 1
16. 1
21. 1
26. 1
 c.
 0.0034168
 0.
 0.0585559
 0.
 0.
0.
0.5622575
 12. i
17. i
22. i
27. i
 0.
0.
0.
0.2716730
 20. 1
25. 1
30. 1
35. 1
```

0.0250154 0. 0.0268955

0.0837644

0.0512579

C.4919273 O.

49. 1

0.6145633 U. 0.

0.0700366 0.2761558 0.0327283

38. 1 43. 1 48. 1 53. 1 58. 1 0.3977320

0.0047312

0.0705097

40. 1 45. 1 50. 1 55. 1

0.0224094

0.3242506

C.2016337 O. O.0063941

U.0650568 U. U.0691967

0.0741131

31. 1

42. 1

1 BIAS CHANGES 0-01000000 BIAS - -0.4C547254 COMP. GUTPUT COMP. CUTPUT COMP.

1. 2 C.2266326 2. 2 0.7733674 0.

SUM NO. 1 IS G.22663
SUM NO. 2 IS 0.77337 (cm. Culput (UTPLT 0 C. COMP. DUTPUT 0. C 0. 2 BIAS CHANGES LEVEL I MS -0.20000COG BIAS -0.04578547 COMP.
3. 1
6. 1
13. 1
10. 1
23. 1
20. 1
33. 1 co₩. DUTPUT C-07\*2724 D-C-0784971 COMP. 2. 1 7. 1 COMP. 0 4. 1 9. 1 14. 1 OUTPUT 1. ! 6. ! 11. 1 0.4373269 0.0685935 0.0642718 0.3512016 0.1231984 0.0464417 0.1208734 0.0351619 12. 1 17. 1 22. 1 27. 1 32. 1 0.3575040 0. 16. i 21. i 0.0493867 0. 0. 0.0381459 20. 1 19. 1 24. 1 79. 1 34. 1 39. 1 44. 1 54. 1 59. 1 64. 1 C.C112192 25. 1 30. 1 35. 1 0.0305726 0.0097563 0.1653402 0.0519169 0.0301418 C.5196427 26. 1 0.1018485 27. 1 32. 1 37. 1 42. 1 47. 1 52. 1 57. 1 67. 1 0.1252275 C.0784953 31. 1 0.0445448 36. i 41. i 0.0048707 0. 0.1370141 38. 1 43. 1 48. 1 53. 1 58. 1 68. 1 0.0443659 0.0833750 0.0312244 0.0592295 0-1107005 0.0500596 0.0706983 46. 1 0.052C826 0.0657939 0.0839442 0.0013753 0.0193328 50. I 55. I 60. I 0.1365455 C. 9.0351905 0.0707466 C. 0.0744687 C.0328155 0.0335309 6.0512476 0.0525609 61. 1 72. 1 0. C LEVEL 2 0.01000000 BIAS -3.45268787 OMP. OUIPUT COMP. OUTPUT COMP. OUTPUT 1. 2 C.3814329 2. 2 0.5473121 0. 0 0. 1 IS C.38143 2 IS 0.54731 COMP. C0♥. 0 CUTPUT 0. 0 ( \*\*\* 209 INPUT P35 | IDENTIFICATION | INCORRECT.
KINPS=000000000000 | NCYCS=000000C0000 | INDICT=0000CCC00C00 2 BTAS CHANGES LEVEL 1 MS = 0.20000000 5145 = -0.05075543 COMP. 1. 1 6. 1 11. 1 16. 1 21. 1 COMP. CU 5. 1 10. 1 171 15. 1 20. 1 25. 1 30. 1 .02 35. 1 174 40. 1 COMP. ( COMP. Culput CUIPUT CUIPUT 2. l 7. l 12. l 17. l 3. 1 8. 1 13. 1 0.0266498 0.4992820 0. 0.5233152 o. c. ٥. ٥. 14. 1 14. 1 24. I 29. 1 34. 1 39. 1 6.2855928 0.2488071 0. C. 1502902 0. 18. I 23. I 28. I 33. I 38. I 43. I 48. I 53. I 58. I 68. I o. o. 22. i 27. l 32. l G. 0.2820204 C. 0.0102546 0. 0.3757602 0.3029374 0. 36. 1 41. 1 46. 1 0.1060402 G.0276018 37. 1 0. 0. 0.5354106 0.2081419 39. 1 44. 1 49. 1 54. 1 59. 1 64. 1 0.0088683 45. i 50. i 55. i 0. G. 31 66616 47. L 52. L 57. L 62. L 0. ٥. 51. 1 56. 1 C. 61. 1 G. 66. 1 P.0086 71. 1 O. 2 BIAS CHANGES C. C. P.0086017 0. 0.2271226 0.1011022 60. 1 65. 1 70. 1 0. 0. 0.0040192 0.4060176 0.4141410 LEVEL 2 MS = 0.01000000 BIAS = -0.89343648 DUTPUT COMP. CUTPUT COM. CUTPLI COMP. OUTPUT com. OUTPUT 1. 2 1 IS 2 IS 2. 2 1.0000000 0. 0 ٥. 0. 0 ٥. SUM NO. SUM NO. C. 1.00000 \*\*\* 210 INPUT P36 MINPS\*0000000000000 IDENTIFICATION INCORRECT.
NCYCS=0900000000000 INDICT=000000000000 5 BIAS CHANGES FEAET I MS = 0.20000000 BIAS + -0.54865877 COMP. C 4. I 9. 1 14. 1 19. 1 4 24. I 2 29. I 34. I 6 39. I 44. I COMP. OUTPUT OUTPUT COMP. CUTPLT I 0. I 0. 1. 1 6. 1 11. 1 16. 1 21. 1 26. 1 36. 1 41. 1 OUTPUT 2. L 7. L 12. L 17. L 22. L 27. L 32. L ¢. 0. C. 3. 1 R. 1 13. 1 0. 0. 5. 1 10. 1 15. 1 20. 1 25. 1 0.1189424 C. 0.0427031 c. n. 18. 1 23. 1 28. 1 33. 1 0. 0.2642154 0.3113212 0.6946464

0.

0.

0.5093076

0.3489577

. . .

42. 47. 52. 57.

62. 61.

38. 1 43. 1 48. 1

53. 1 58. 1 63. 1

68.

0.1521446

0.4003244

٥.

0.

0.6604893

0.5287527 C.0818090

0.0143492

46. 51.

56. 1

61. 1 66. 1 71. 1

1- 23

0.0381390

0.0290535

0.

30. £ 35. 1 40. 1 45. 1

60.

65.

٥. 0.0607975

0.

0-4671:58

49. 1 54. 1 59. 1

64. 1 69. 1 0. 0

2 BIAS CHANGES G.01C00000 BIAS - -0.48943062 COMP. OUTPUT COMP. OUTPUT 2. 2 1.0000000 0. C 0. CUMP. 0.0 GUTPUT CUTPUT 0 0. COMP. OUTPUT 1. 2 SUM NO. 1 15 SUM NO. 2 15 c. 0. 1.00000 .77230

OUTPUT CUMP. D.,

0.2541279 4. 1

0.2265454 9. 1

14. 1

19. 1

24. 1 5 BLAS EFINGES CUMP. OU. 5. l ?968510 10. l .78 15. l .70. l LEVE" 1 MS + 0.20000000 BIAS = -0./5177230 COMP.

2. 1
7. 1
12. 1
17. 1
22. 1
27. 1
37. 1
44. 1
47. 1
52. 1 OUTPUT CUMP. OU 0.5921825 3.1 0. 8.1 0.3122111 13.1 0. 18.1 CUMP. 1. l OUTPUT 0.1115025 UTPUT C. O. O. C. C. C.0670152 O. C. G. 0. 6. l 11. l 16. l 21. l 0.2968510 0.4105478 23. 1 28. 1 33. 1 38. 1 24. 1 29. 1 34. i 39. 1 44. l 49. l 35. 1 40. 1 45. 1 50. 1 0. 0.2208572 0. 0.5342366 0.4143136 0. 0.6865578 0. 0.2953705 66. ! 0.08293 71. 1 C. 1 BIAS CHANGES 67. 1 72. 1 0.2637190 0. 68. 1 0. C 69. 1 70. 1 0.0829384 0. 0.01000CC0 BIAS \* -0.07997490 COMP. OUTPUT COMP. OUTPUT CUMP. C CUTPUT COMP. OUTPUT 0 0. 0.0 COMP. OUTPUT 1. 2 C. 1. 15 O. 1. 2 C. 1 15 O. 2 15 1.07997 \*\*\* 212 MINPS=000000000000 5 BIAS CHANGES LEVEL 1 PS + -0.66230544 0.2000C000 BIAS = COMP. OU'
4. 1
9. 1
349058 14. 1
19. 1
24. 1
29. 1
34. 1
39. 1
562604 44. 1
49. 1
54. 1
59. 1
64. 1
69. 1 0.0297430 3. 1 OUTPUT OUTPUT COMP. OUTPUT OUTPUT 1 0. COMP.

3. 1

8. 1

13. 1

18. 1

23. 1

28. 1

33. 1

38. 1

43. 1 0. 1. 1 6. 1 11. 1 2. 1 7. 1 12. 1 17. 1 22. 1 27. 1 32. 1 37. 1 47. 1 52. 1 0. 0.0330231 0. 0.0345762 0. 0.6607743 0.2649058 0.2167720 0.0594852 16. 1 21. 1 26. 1 31. 1 0. 0. 0.1070495 0.6607743 C. C. O.415697F C. C.0773300 0.4290897 0. 0.1562604 0.4092469 36. 1 41. 1 46. 1 0. 0.1416458 48. 1 53. 1 58. 1 0.3446606 0.1357894 0.6418549 0. 61. 1 0.03309 66. 1 0.15080 71. 1 0. 1 BTAS CHANGES 0.0330918 0.1508006 0.0890259 0.1377257 LEVEL 2 MS = 0.01000000 BIAS - -0.08319206 COMP. OUTPUT COMP. OUTPUT 2. 2 0. 0. 0. 0. COMP. UUTPUT
1. 2 1.0881921
SUM NO. 1 IS 1.08819
UM NO. 2 IS C. COMP. OUTPUT COMP. OUTPUT 0.0 0. 0.0 C \*\*\* 213 INPUT LSV1 INDENTIFICATION CORRECT
MINPS=000000000000000 NCYCS=0000000000000 INDICT=0000000000000 A HIAS CHANGES

LEVEL I MS = 0.20000000 RIAS = -0.61337610 CUMP. C 4. 1 9. 1 4. 1 19. F 24. 1 COMP. OUTPUT
5. 1 0.
10. 1 0.
15. 1 0.
20. 1 0.2
973 25. 1 0.4 CUTPUT 109100 3. 1 8. 1 13. 1 0. 0. 0.5465094 0. 0.4281536 0. 0. 0. 0. 0.0958039 16. 1 21. 1 26. 1 31. 1 36. 1 18. 1 23. 1 0. 0. (. 0.2539404 0.6969973 28. 1 33. 1 36. 1 43. 1 0. 30. 1 0. 34. 1 34. 1 44. 1 49. 1 54. 1 59. 1 35. 1 ٥. 40. 1 45. 1 50. 1 55. 1 60. 1 65. 1 0. 0. 0.3090332 0.3664491 0. 0. 53. 1 0. 61. 1 66. 1 71. 1

```
2 HIAS CHANGES
 LEVEL 2 MS + 0.01000000 BIAS = 0.34618914
 COMP. CUTPUT COMP. CUTPUT

1. 2 C. 2. 2 1.0000000

SUM NO. 1 IS 0.

SUM NO. 2 IS 1.10000
 CUTPUT COMP. (UIPUT 1.0000000 0. C 0.
 COMP. CUTPUT
 CUMP. DUTPUT
 *** 214 INPUT LSV4 THENTIFICATION INCORRECT.
MINPS=00H0000000UU NCYCS=000000000000 INDICT=00000000000
 4 BIAS CHANGES
 COMP. C
4. 1
9. 1
14. 1
19. 1
24. 1
29. 1
34. 1
34. 1
34. 1
59. 1
64. 1
69. 1
69. 1
 0.20000000 PIAS - -0,580451/1
 OUTPUT
 6.1911804
 0.
0.0737293
 0.0630735
 8. 1
13. 1
18. 1
23. 1
28. 1
33. 1
38. 1
43. 1
43. 1
53. 1
 c.
c.
o.
 0.
0.
0.1709650
 0.
0.
0.
0.
0.
0.4019685
 C.357724P
 0.2240697
 50. 1
55. 1
60. 1
 0.1070033
0.
0.
 0.
 0.3142743
 71. 1 C.
2 BIAS CHANGES
 0.8148713
 LEVEL 2 MS = 0.01000000 BIAS = 0.36567809
 4 BIAS CHANGES
 0.20000000 BIAS +
 -0.66416448
 COMP. OUT
5. 1
10. 1
15. 1
1483775 20. 1
25. 1
30. 1
35. 1
40. 1
45. 1
50. 1
 OUTPUT COMP. CUTPUT

O. 3. 1 O.

O. 8. 1 O.

U. 13. 1 C.

U. 0.0001051 18. 1 O.5

U. 23. 1 O.

G. 28. 1 O.

O. 33. 1 O.

C. 38. 1 O.

C. 38. 1 O.

O. 1190392 43.: 1 O.
 CUMP.

2 1

7 1

12 1

17 1

27 1

27 1

32 1

37 1

37 1
 OUTPUT
 COMP. OUT.
4-1
9-1
14-1
24-1
29-1
34-1
39-1
44-1
49-1
54-1
 C.
0.6735401
 OUTPUT
 0.
 0.2810207
 C.
0.0328501
 l6. 1
21. i
 0.0328507

C.

0.

0.

0.

0.0778136

0.4457397

C.

0.3769035
 0.56475R5
0.
 0.0483775
 0.0001051

0.

0.

0.

0.1190392

0.

0.2404207

C.5427629
 0.
0.
0.
0.
0.
0.
0.
0.
0.
0.
0.
 37. 1
42. 1
47. 1
52. 1
57. 1
67. 1
 0.3984125
 1. L 0.30347H0
2 BIAS CHANGES
 0.0546878
 LFVEL / MS =
 0.01000000 PIAS = 0.61582139
COMP. GUTPUT
1. 2 C.4405384
SUM NO. 1 IS 0.44057
SUM NO. 2 IS C.60303
 COMP. OUTPUT COMP. OUTPUT COMP. CUTPUT COMP. OUTPUT 2. 2 C.6030282 U. 0 0. 0. 0. 0. 0. 0. 0. 0. 0.
*** 216 1° 201 LSVA IDENTIFICATION INCURRECTS INFECT NUMBER OF THE INFECT SUPPRESSION OF T
 6 HEAS CHANGES
 EFVEL E MS .
 0.20000000 BIAS = -1.07876988
 0.
0.
 COMPA
 103100
 COMP. CU
5.1
10.1
15.1
20.1
25.1
30.1
35.1
46.40.1
45.1
50.1
55.1
60.1
65.1
 1. 1
6. 1
11. 1
16. 1
21. 1
26. 1
31. 1
36. 1
41. 1
 2. 1
7. 1
12. 1
17. 1
27. 1
27. 1
37. 1
 CUTPLT
 0.0918316
 0.1166746
(...
0.
 0.
0.
1.0324846
 0.
0.
0.
0.0419142
 37. 4
4c. 1
47. 1
52. 1
57. 1
67. 1
77. 1
 0.1618875
0.0.00
 0.
0.
0.
0.4326384
 0.6635474
 2 BLAS CHANGES
```

CMP+ CUTPUT

(1)MP, (1)TPDT 0.0 0.

COMPS (LIPOT CLMPS DOTPOT COMP, COTPLE 1.2 (. 2.2 1.00c0000 0.0 18

SUP NC. 1 IS C.
SUP NC. 15 1.000

\*\*\* '17 ISPUTIES' I SENTIFICATION LUPRICE MINDS UNCO OCOOODE

LEVEL 2 MS - 0.01000000 STAS = -0.18921552

--

11 400.199

4 STAS CHANGES LEVEL L MS . U.2000C000 MIAS - -1.38695425 COMP. (
4. 1
7 9. 1
14. 1
124. 1
24. 1
29. 1
34. 1
34. 1
44. 1
49. 1
54. 1
59. 1
69. 1 OUTPUT CCMP.

0.0729663 3. 1
0. 8. 1
0.2036375 13. 1
0. 23. 1
0. 28. 1
0. 33. 1
0.2917469 38. 1
0. 48. 1
0. 58. 1
0. 58. 1
0. 63. 1 CUTPUT ٥. 0. 0. 0. 0.1646001 20. 1 25. L C-1147139 45. 1 50. 1 55. 1 0. 0.6977886 0.6320369 71. 1 C. 76. 1 C. 66. 1 C. 66. 1 C. 71. 1 C. 7 BIAS CHANUES 0.3247871 0.01000000 BIAS = -0.38695960 COMP. GUTPUT CUMP. DUTPUT COMP. DUTPUT
1. 2 C. 2. 2 1.0000000 0. C 0.
1 15 0.
2 15 1.00000 COMP. CUTPUT 0.0 0. COMP. OUTPUT 0.0 0. 4 BIAS CHANGES 0.2000CC00 BIAS = -1.30060437 COMP. ( 5. 1 10. 1 15. 1 OUTPUT COMP. OUTPUT OUTPUT O. 3. 1
O. 13. 1
O. 13. 1
O. 23. 1
O. 26. 1
O. 26. 1
O. 28. 1
O. 38. 1 C. O. C.5889238 0. 12. 1 17. 1 22. 1 27. 1 32. 1 37. 1 42. 1 0.4517921 0. 14. 1 19. 1 24. 1 29. 1 0. 0. 0. 0. 0.4424241 0. 0. 0. 0.4878803 0, 0.6911187 48. i 53. l 52. 1 57. 1 62. 1 67. 1 0. C. 0.1997000 0.7647169 0-0064252 66. 1 0. 71. 1 0. 7 BIAS CHANGES 0.01000000 81AS = 1.89382842 COMP. OUTPUT COMP. OUTPUT 2. 2 0.9200946 0. C 0. COMP. UUTPUT
1. 2 0.0071493
SUM NO. 1 IS C.08719
SUM NU. 2 IS 0.92009 COMP. CUIPUT COMP. OUTPUT 0.0 0.0 0. ••• 219 INPUT LLSV3 IDENTIFICATION INCORRECT.
MINPS=00000000000 NCYCS=00000000000 INCILT=000000000000 6 BIAS CHANGES LEVEL L MS = 0.20000000 BIAS = COMP. OU 5. 1 10. 1 15. 1 20. 1 693 25. 1 417 30. 1 35. 1 40. 1 45. 1 COMP. OUTPUT COMP. 2. 1 6. 3. 1 0UTPUT L 0. L 0. COMP. DUTPUT 0. C. U.3323208 U. 2. 1 7. 1 12. 1 17. 1 0.1753570 0. 0. 0.2016130 0.0096987 0.4972739 0. 0. 0.1079184 32. 1 3/. 1 42. 1 47. 1 0. 0. 0. 0. 0.9008890 LEVEL 2 MS # 0.01000000 81AS = -0.212196/4 COMP. DUIPUT 1.2 C. 1.15 C. 2.15 1.00000 COMP. GUTPUT CUMP. GUTPUT 7. 2 1.0000000 0. 0 0. CUMP. GUTPUT COMP. GUTPUT
0. 0. 0. 0. 0. SUM NO.

A STATE OF THE PARTY OF THE PAR

L

```
6 BLAS CHANGES
 OUTPUT
1 0.
0.2153770
 BIAS - -1.25339508
 LEVFL 1 MS =
 0.20000000
 CUMP. 0-
92 5. 1
10. 1
15. 1
 CUTPUT CU
1 0.38C3592
1 0.
 COMP.
2. 1
7. 1
12. 1
17. 1
 0.
 CUMP.
 UUTPUT
 CUMP.
 0.
 1. 1
6. 1
11. 1
 0.7547253
 ٥.
 0.
0.
0.
0.
0.
0.
0.
 0.3-70131
 0.259/968
 23. 1
28. 1
33. 1
 0.
 22. 1
27. 1
32. 1
37. 1
42. 1
47. 1
52. 1
 0.5 12082
 26. l
 40. 1
45. 1
50. 1
55. 1
60. 1
 C.
 44. 1
49. 1
54. 1
59. 1
 0.
 C.2379979
 0.
 0.6935042
 0.7093751
 0.0738379
 64. l
69. l
0. 0
 0.
0.
0.
 0.
 62. l
67. l
 6. 1 C.
1. 1 C.
1 BIAS CHANGES
 0.1689019
 0.01000000 B!AS *
 0.05619864
COMP. OUTPUT
1.2 0.3807:
SUM NO. 1 15 0.3807:
SUM NO. 2 15 0.6192
 COMP. OUTPUT COMP. OUTPUT 2. 2 0.6192575 0. 0 0.
 COMP. OUTPUT
0. 0 0.
 CCMP. OUTPUT
0.0 0.
 0.3807425
0.38074
0.38074
0.61926
 *** 221 INPUT LLS*5 | IDENTIFICATION | INCGRRECT. | MINPS=0000000000 | NCYCS=00000000000 | INDICT=000000000000
 6 BLAS CHANGES
 LEVEL 1 MS =
 0.20000000
 81AS = -1.25799301
 COMP.
 CUTPUT 0.
 5. 1
10. 1
 COMP.
 OUTPUT
 OMP.

3. 1
8. 1
13. 1
23. 1
23. 1
38. 1
43. 1
48. 1
53. 1
 COMP.
 OUTPUT
 0.
0.3353290
 2. 1
7. 1
12. 1
17. 1
22. 1
27. 1
32. 1
37. 1
42. 1
47. 1
52. 1
 0.
 1. 1
6. 1
11. 1
 0.
C.0450085
 15. 1
 15. 1
20. 1
25. 1
30. 1
35. 1
40. 1
45. 1
50. 1
65. 1
 0.
 0.
 0.5115229
 0.
 C.
0.0087542
0.9507555
0.
0.1798837
 36. l
 49.
54.
59.
64.
67.
 0.6559019
 58. 1
63. 1
68. 1
 0.2387506
 0.1330910
 71. 1 0.29751
2 BIAS CHANGES
 LEVEL 2 MS =
 0.01000000 BIAS = -0.44167760
 COMP. GUTPUT
1. 2 C.
1 15 O.
2 15 1.00000
 COMP. CUTPUT COMP. CUTPUT 2. 2 1.0000000 0. 0 0.
 COMP. CUTPUT COMP. QUIPUT 0.0 0. 0.
 +++ 222 INPUT LLSV6 IDENTIFICATION INCURRECT.
MINPS-00000000000 NCYCS-00000000000 INDICT-000C00000000
 5 BIAS CHANGES
 0.20000000 BIAS = -0.39545582
 LFVEL L MS =
 COMP. 5. 1
286 10. 1
15. 1
 0U1PUT CO
L 0.
L 0.1825286
 COMP.
 CUTPUT
 UUTPUT
C.
O.
 JUTPUT
 COMP.
 0.
 3. l
8. l
13. l
 2.
 1. 1
 0.6389466
 12. 1
 20. i
25. l
 17. 1
22. 1
27. 1
 18. 1
23. 1
 0.1140776
 1.0749133
 16. 1
21. 1
26. 1
 0.
0.4249964
0.3503686
0.
 26. 1
33. 1
38. 1
43. 1
 29, 1
34, 1
39, 1
 0.5924234
 30. 1
 32. 1
37. 1
42. 1
47. 1
 0.
0.
0.0225205
 0.
0.
0.0687419
 52. L
57. L
 0. 0. 3492250
 61. 1 0.
66. 1 0.
71. 1 0.
7 BIAS CHANGES
 0.2736176
0.
 0.
```

0.01000000 BIAS = -2.87499991

COMP. OUTPUT COMP. OUTPUT 2. 2 0. 0. 0. 0. 0.

\*\*\* 223 INPUT LSHL | IDENTIFICATION | INCORRECT. | INDICT\*00000000000, | INDICT\*000000000000,

COMP. CUTPUT COMP. NUTPUT 0.0 0.0 0.

LEVEL 2 MS .

COMP. UUTPUT
1. 2 1.0191104
SUM NO. 1 IS 1.01911
SUM NO. 2 IS C.

```
2 BIAS CHANGES
 COMP. Cu.
5. 1
750096 10- 1
750702 15- 1
75- 1
 0.20000000
 MIAS : -0.21009243
 LEVEL 1 MS 4
 UUTPUT COMP. C

0-1444764 4.1

0-1779688 9.1

C. 14.1

0.4701704 19.1
 DUTPLT
 OUTPUT
 0. 32 50096
 2. l
7. l
 0.4917501
 6. 1
13. 1
18. 1
23. 1
 0.1023977
 14. 1
19. 1
24. 1
29. 1
 0.4646702
 12. L
17. L
22. L
27. L
 0.1422600
 0.0653616
 25. 1
30. 1
35. 1
 16. 1
 u.
 L. 1263035
 0.0938515
 0.30 13/15
 0.2411566
 0.0041402
 28. 1
38. 1
43. 1
46. 1
53. 1
58. 1
 32. i
37. l
 46. 1
45. 1
50. 1
55. 1
 51. L
 0.1598682
0.2593847
 C.
C.0240799
O.0117112
C.3733025
 0.0743319
0.0301734
0.0953357
 44. l
49. l
54. l
59. l
 42. 1
47. 1
52. 1
57. 1
 0.
0.1640508
0.5539686
 0.0349239
 0.0985349
 61. 1
 0.0479027
 66. 1 0.
71. 1 0.
2 81AS CHANGES
 LEVEL 2 MS *
 0.01000000 BIAS = -0.90689859
 COMP. NUTPUT CUMP. OUTPUT COMP. SUTPUT COMP. OUTPUT C. Z. Z. O. O. O. O. O. O. O. O. O.
COMP. OUTPUT
1. 2 1.06325454
SUM NO. 1 15 1.06325
SUM NO. 2 15 C-
*** 224 INPUT LSH/ IDENTIFICATION INCORRECT.
#INPS=0000000000000 NCYCS=000000000000 INDICT=00000000000
 4 BIAS CHANGES
 0.20000000 HEAS # -0.32853805
 LEVEL L MS .
 OUTPUT COMP. OUTPUT

O. 3. 1 O.

O. 8. 1 O.41

O. 13. 1 O.

O. 18. 1 O.

O. 23. 1 O.

1.0495016 78. 1 O.

O. 33. 1 O.

O. 38. 1 O.

O. 38. 1 O.

O. 48. 1 O.

O. 53. 1 O.
 CUMP. COMP.
 OUTPUT
 0MP.

2. L

7. L

12. L

17. L

22. L

27. L
 0.
0.4893335
 1. l
6. l
11. l
 0.4040721
0.
0.2357065
 0.1592193
 0.
0.
0.
 0.
0.0022553
 0.0040819
 36. 1
 0.
0.
0.2814491
 0.0365383
 0.
 56. 1 C.
61. 1 0.077076
66. 1 1.03165
71. 1 C.
5 BIAS CHANGES
 0.0770741
 0.4773756
 LEVEL 2 MS = 0.01000000 BIAS = -1.22495051
 CUMP. UUTPUT COMP. CUTPUT COMP. OUTPUT

1. 2 C.9738303 2. 2 0. 0. 0. 0. SUM NO. 1 IS 0.97383
SUM NO. 2 IS 0.
 COMP. OUTPUT
0. 0 0.
 COMP. OUTPUT
O. O O.
 INPUT LSH3 IDENTIFICATION INCORRECT.
00000000 NCYCS-00000000000 INDICT-00000000000
 *** 225 INPUT LSH
MINPS=00000000000000
 5 BLAS CHANGES
 BIAS - -0.21880095
 0.20000000
 COMP. OU 5. 1 10. 1 15. 1 15. 1 195 20. 1 192 25. 1 30. 1 35. 1
 OUTPUT COMP. OUTPUT
 00TPJT
1 0.
1 0.
 OUTPUT
 PUT CUMP. UUT(
0.2608870 3. 1
0. 8. 1
0. 13. 1
0. 18. 1
0. 28. 1
0. 28. 1
0.1883619 33. 1
0. 36. 1
0.6803437 43. 1
0. 48. 1
 CUMP.
 0.0121785
 2. 1
7. 1
 0.4806063
 0.4808814
C.
U.
G.
 9. 1
14. 1
19. 1
24. 1
29. 1
34. 1
39. 1
 0.0505695
 0.0700947
 0.2686592
 0.1117449
 0.
0.4547972
C.
0.ub8H1+3
 40. 1
45. 1
50. 1
55. 1
 37. l
42. l
 49. 1
54. 1
59. 1
 0.2080332
 48. 1
 53. 1
58. 1
63. 1
 0.
0.
0.2083307
0.4453579
 0.1210014
 65. 1
 C.3705628
 61. 1
 0.
 65. 1 C.3/056
/1. 1 O.
3 BLAS CHANGES
 0.01000000 B1AS = -1.64134569
 CUMP. 1101
 COMP. DUTPUT COMP. OUTPUT C. 2 0. 0. 0 0.
 COMP. CUT PUT
0. 0 0.
 110TPUT
 CUMP. DUTPUT
1. 2 C. 7824456
SUM NO. 1 IS 0. 94750
SUM NO. 2 IS C.
```

INPUT LSH4 IDENTIFICATION INCORRECT.

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```
4 BIAS CHANGES
 -0.31691058
 COMP. U
4. 1
9. 1
 0.2000CCOO BIAS =
 COMP. OI
5. 1
10. 1
15. 1
20. 1
 OUTPUT
1 0.2300060
 OUTPUT
 CUTPUT
 OUTPUT
 CUMP.
 UUTPUI
 COMP.
 1. l
6. l
 0.
0.1917484
 0.1816225
 8. 1
13. 1
18. 1
 0.0338053
 0.
G.
G.4566800
C.
U.3668638
 11.
16.
21.
 0.
0.
0.4299825
 0.
0.1100456
 17. 1
22. 1
27. 1
 0.
0.
0.1595746
0.3541266
 0.
0.3326277
 0.0761748
 40. 1
45. 1
50. 1
55. 1
60. 1
 0.
 38. I
 36. L
 0.1872862
 0.
 0.
0.4522994
0.1551011
 0-
0-2487326
 0.2982510
 51. I
 58. 1
63. 1
68. 1
 56. 1 0.
61. 1 0.
66. 1 0.06536
71. 1 0.
2 31AS CHANGES
 0.
0.2907318
 0.
C.0653658
 0.01000000 BIAS = -0.97479039
 OUTPUT COMP. OUTPUT
1.0000000 2. / O.
1.00000
 P. OUTPUT
 COMP. OUTPUT
 COMP.
1. 2
. 1 IS
. 2 IS
 0UTPUT
 COMP.
 INPUT LSM5 | IDENTIFICATION | INCORRECT.
D0000000 | NCYCS=00000000000 | INDICT=000000000000
*** 227 INPUT LS
 4 BIAS CHANGES
 1 MS *
 -0.33101967
 BIAS =
 0.20000000
 LEVEL
 COMP. GO 4. 1 9. 1 14. 1 19. 1 24. 1 13 29. 1 34. 1 44. 1
 CUTPUT
L 0.
L 0.
 5. 1
10. 1
15. 1
 OUTPUT
 COMP.
2. 1
7. 1
 COMP.
 OUTPUT
 OUTPUT
 COMP.
 OUTPJT
 0.2033370
 1. 1
6. 1
11. 1
16. 1
21. 1
26. 1
 0.
 0.
 0.
0.
0.
0.+015305
0.
0.0888135
0.0320926
 12. 1
17. 1
22. 1
27. 1
32. 1
 ο.
 0.
0.5886918
0.3646652
0.1212407
0.0247585
 13. 1
18. 1
23. 1
28. 1
33. 1
 0.3795295
 0.
0.
0.2276603
 30. 1
35. 1
40. 1
 0.3233251
 ٥.
 0.3471544
 42. 1
47. 1
52. 1
57. 1
 50. 1
55. 1
60. 1
 48. 1
53. 1
58. 1
 46. l
51. l
 0.
0.1440480
 0.2095922
 0.1261843
 54. l
 0.1817856
 0.0065347
C.
 0.3660072
 0.
 53. 1
 0.
 0.2556527
 0.0141905
 1 FVF1 2 MS **
COMP. OUTPUT
1. 2 1.0234298
1 IS 1.02343
2 IS C.
 9.01000000 BIAS = -1.95056999
COMP. OUTPUT CUMP. UUTPUI
2. 2 0. 0. 0 0.
 COMP. DUTPUT
0. 0 0.
 COMP. CUTPUT
0. 0 0.
 SUM NO.
SUM NO.
 *** 228
 MINPS=0000000000000
 5 BIAS CHANGES
 BIAS =
 LEVEL 1 MS =
 0.20000000
 COMP. C
4. 1
9. 1
14. 1
9 19. 1
24. 1
7 29. 1
 DUTPUT
 COMP.
 OUTPUT
 OUTPUT
 COMP.
 CUMP.
 OUTPUT
 5. 1
10. 1
15. 1
20. 1
 3. 1
8. 1
13. 1
18. 1
23. 1
28. 1
33. 1
38. 1
 0.
 0.
 0.
C.
 2. 1
7. 1
 1. 1
 0.3876600
0.
 0.9459031
 6. i
 12. 1
17. 1
22. 1
27. 1
 0.3755879
 16. 1
21. 1
26. 1
31. 1
 0.
C.0018665
 0.
 0.7046731
 34. 1
39. 1
44. 1
49. 1
 32. 1
37. 1
 40. L
 0.3794301
 45. 1
50. 1
55. 1
 0.
 42. 1
47. 1
52. 1
57. 1
 43. l
48. l
 0.
0.
0.2866011
 46.
 53. 1
58. 1
63. 1
 0.
 0.0839616
 60. l
 0.
0.7689845
 ٥.
 71. 1 C.
4 BIAS CHANGES
```

0.01000000 BIAS = -2.13385764

CCMP. DUTPUT COMP. OUTPUT COMP. DUTPUT 1. 2 C.9251699 7. 2 G. 0. C G. 1 15 0.92517 2 15 0.

••• 229 INPUT LLSH1 IDENTIFICATION INCORRECT.
MINPS=00000000000 NCYC5=00000000000 INDICT=000000000000

C 0. 0

CUTPUT

CUMP. OUTPUT 0.0 0.

1MD1C1=0000CCC0000C

MC4C2=00(100000000000

MINP =000000 000000

LEVEL 2 MS =

SUM NO.

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```
4 BIAS CHAIGES
 0.2000C000 BIAS = -0.39714079
 COMP.

16 4, 1

16 9, 1

14, 1
 COMP. 1.
 OUTPUT CO
1 0.
1 0.4921136
 OUTPUT
 0.0763666
0.5816506
 0.
 10. 1
 C.
U.6322044
C.
U.
 7. 1
7. 1
 1. 1
 0.
0.
 11. I
 0.
0.
0.0050511
 24. 1
29. 1
34. 1
39. 1
 16. 1
21. 1
 22. 1
27. 1
32. 1
37. 1
42. 1
47. 1
52. !
 0,1208576
 0.3540900
 0.
C.456450?
 0.
0.1550130
0.5019692
 30. l
43. l
48. l
53. l
 0.
0.
0.
 0. 1629575
 C.
C.2680390
 60. l
65. l
70. l
 59. 1
64. 1
69. 1
 0.
 57. L
62. L
67. 1
72. L
 0.0355797
 0.0197900
 0.1189031
 66. 1 0.5000850
71. 1 C.
6 BIAS CHANGES
 0.01000000 BIAS # -2.45090282
 COMP. GUTPUT
 COMP. OUTPUT COMP. QUIPUT
 CUMP. OUTPUT
0. 0 0.
 GOMP. UUTPUT
1. 2 C. 4329156
NO. 1 IS C. 43292
NO. 2 IS 7.
 INPUT LLSM2 | IDENTIFICATION | INCORRECT.
000000000 | NCYCS=000000000000 | INDICT=00000000000
*** 230
MINPS=000000000000
 5 BIAS CHANGES
 0.2000CG00 BIAS - -0.67217030
 LEVEL 1 MS =
 CUMP. C

4. 1

9. 1

14. 1

19. 1

24. 1

24. 1

34. 1

34. 1

44. 1

49. 1

54. 1

54. 1

64. 1
 COMP.
 CUTPUT
 3. 1
8. 1
13. 1
18. 1
23. 1
23. 1
33. 1
39. 1
43. 1
48. 1
53. 1
 OUTPUT
 UUTPUT
 UUTPHI
C.
U.7678831
 COMP.
 0.1901796
0.
0.
 CUMP.
 0.
0.7354530
 0 •
(•
0 •
 10. 1
15. 1
 1. 1
 0.
 20. 1
25. 1
30. 1
35. 1
40. 1
 12. 1
17. 1
22. 1
27. 1
32. 1
 0.
 16. 1
21. 1
26. 1
31. 1
 0.
0.6870340
0.
 C.
U.
O.
C.2932127
 0.
 0.
0.
0.
 55. l
60. l
 52. i
57. i
 0.
 61. 1 0.
66. 1 1.2013691
71. 1 C.
 62. 1
67. 1
 0.1281456
 0.01000000 BIAS = -2.1329286/
 LEVEL ? MS =
 COMP. OUTPUT COMP. CUTPUT 2. 2 0. 0. 0. 0.
 COMP. OUTPUT COMP. DUTPUT 0. 0 0. 0
 COMP. UUTPUT
1. 2 0.3257372
SUM NO. 1 IS 0.-2574
SUM NO. 2 IS C.
 *** 231 INPUT LLSH3 ICENTIFICATION INCURRECT.
MINPS-000000000000 NCYCS-00000000000 INDICT-00000000000
 4 BIAS CHANGES
 0.20000000 8145 # -0.58140875
 LEVEL I MS *
 0UTPUT
1 0.2229283
 COMP. OU 5. 1 10. 1 15. 1 20. 1 25. 1 30. 1 35. 1 40. 1 45. 1
 OUTPUT
 UGTPUT
 CUMP.
 3. 1
0. 1
13. 1
16. 1
 0.6335364
 C.
0.5678260
 1. 1
6. 1
11. 1
 20 L
70 1
 7. 1
12. 1
17. 1
22. 1
27. 1
37. 1
42. 1
47. 1
 0.0142746
 0.
0.0286323
 C.
C.
C.
 0.
0.
0.
0.2055576
 23. 1
26. 1
33. 1
 0.3980576
 0.0139726
 0.8172557
 0.
 0.0998677
 0.0117527
 0.
0.
0.0393872
 52. 1
57. 1
62. 1
67. 1
72. 1
 5e. 1
6s. 1
68. 1
 0.
().
 61. 1
 66. 1 0.45269
71. 1 0,
6 8145 CHANGES
 0.4526960
 LEVEL 2 MS .
 U.01000000 HIAS = -2.74999991
```

COMP. OUTPUT CUMP. OUTPUI CUMP. CUTPUT COMP. OUTPUT
2. 2 C. 0. C O. 0. 0. 0. 0. 0. 0.

\*\*\* 232 INPUT LUSH4 IDENTIFICATION INCORRECT.
MINPS \*\*000000000000 INDICT\*\*00000000000

CHMP. GUTPUT
1. 2 1.0720767
SUM NG. 1 15 1 37208
SUM NG. 2 15 C.

·

4 BIAS CHANGES

LEVEL MS # 0.20000000 BIAS . -0.17051122 CUMP. 01
5.1
10.1
11.1
174 20.1
25.1
30.1
35.1
40.1
45.1
50.1
66 55.1
60.1 CGMP. 4. 1 9. 1 14. 1 19. 1 24. 1 29. 1 34. 1 H 39. 1 CGMP.

1. 1

6. 1

11. 1

21. 1

25. 1

31. 1

36. 1

41. 1

46. 1

51. 1

56. 1

61. 1 COMP. 3. : 8. 1 13. 1 OUTPUT OUTPUT CUTPUT CUIPUT COMP. 0. 0. 0. 0. 0. 0. 0. 8371000 0. 0. 0. 0. 0. 0. 0.5514600 0. 0. 7. l 7. l 0. G. 0. 0. 0. 0. 12. 1 17. 1 22. 1 27. 1 32. 1 0. 0. 0.1641574 0. 0. 0. 0. 0. 0. 0.0315366 0. 0.2500346 13. 1 16. 1 23. 1 26. 1 33. 1 36. 1 43. 1 53. 1 ٥. 0. 0. 0.558398H 0. 0. 0. 0.3609967 0. 1924139 0. 0.1020695 0. 0. 0. 0. 0.4708453 0.5604644 0. 0. 0. 0. 0. 0. 0. 0. 63. 1 88. 1 0. 0 66. 1 C. 71. 1 O. 5 BIAS CHANGES LEVEL 2 MS = -2.99999991 0.01000000 BIAS = 001FU7 C.9644953 O.96453 O. CUMP. 1. 2 . 1 IS . 2 IS COMP. OUTPUT 2. 7 O. COMP. OUTPUT 0. 0 0. COMP. CUTPUT 0. 0. COMP. OUTPUT 0. 0 0. SUM NO.

••• 233 INPUT LLSH5 IDEMTIFICATION INCORRECT.
MINPS=00000000000 NCYCS=000000C00000 INDICT=000000CC000C

|       | OUIPUI    | COMP.   | UUTPUT      | COMP. | 0UTPUT     | COMP. | CUTPUY    | COMP. | DUTPUT | ſ        |
|-------|-----------|---------|-------------|-------|------------|-------|-----------|-------|--------|----------|
| 1. 1  | 0.        | 2. l    | 0.          | 3.    |            | 4.    |           |       |        | 0.       |
| 6. 1  | 0.        | 7. 1    | 0.          | 8.    | l 0.       | 9.    | 1 0.      | 10    | ). I   | 0.432675 |
| 11. 1 | С.        | 12. 1   | 0.          | 13.   | 1 0.       | 14.   | 1 0.      |       |        | 0.       |
| 16. 1 | 0.        | 17. 1   | 0.7428958   | 18.   |            | 19.   |           |       |        | 0.       |
| 21. 1 | 0.2014155 | 22. 1   | 0.6147606   | 23.   | 1 0.       | 24.   |           |       | 5. 1   | 0.       |
| 26. L | 0.        | 27 × 1  | 0.          | 28.   | 1 0.575029 | 2 29. | 1 0.      | 30    | . 1    | 0.       |
| 31. 1 | 0.        | 32. 1   | 0.3796885   | 33.   | 1 0.       | 34.   | 1 0.      | 3     | 5. 1   | 0.       |
| 36. 1 | 0.        | 37. 1   | 0.2515951   | 38.   | 1 0.415952 | 2 39. |           |       |        | 0.       |
| 41. 1 | 0.        | 42. l   | 0.          | 43.   | 1 0.       | 44.   | 1 0.      | 41    | 5. l   | 0.       |
| 46. l | 0.        | 47. 1   | 0.          | 48.   | 1 0,       | 49.   | 1 0.      | 50    | ). i   | 0.       |
| 51. l | 0.        | 52. l   | 0.          | 53.   | 1 0.       | 54.   | 1 0.      | 59    | 5. 1   | 0.       |
| 56. l | 0.        | 57. 1   | 0.2893350   | 58.   | 1 0.       | 59.   | 1 0.      | 60    | 0. 1   | 0.       |
| 61. 1 | 0.        | 62. l   | 0.          | 63.   | 1 0.       | 64.   | 1 0.49482 | 6 50  | 5. l   | 0.       |
| 66. l | 0.        | 67. l   | 0.          | 68.   | 1 0.       | 69.   | 1 0.      | 70    | 0. 1   | 0.361422 |
| 71. l | 0.        | 72. 1   | 0.          | 0.    | C 0.       | 0.    | 0 0.      |       | 0. 0   | 0.       |
| 5 BIA | S CHANGES |         |             |       |            |       |           |       |        |          |
| LEVEL | 2 MS =    | 0.01000 | 0000 BIAS # | -2.9  | 999991     |       |           |       |        |          |
| COMP. | UUTPUT    | COMP.   | OUTPUT      | COMP. | CUTPUT     | COMP. | OUTPUT    | COMP. | OUTPUT | r        |
|       | 1.0527885 | 2. 2    |             |       | 0 0.       |       | c 0.      |       | 0. 0   |          |

••• 234 INPUT LLSH6 IDENTIFICATION INCORRECT.
MINPS=000000000000 NCYCS=000000000000 INDICT=000000000000

END OF INPUT. SIMULATION COMPLETE.

MAIN TEST IS DONE.

vandajan da s

... 1845 MAG

LIST 2

```
CONTROL CARD
REAU/P = 2
 NLMINE 35
 KEYS FLUE . COLLOR ST
 NETWORK SPECIFICATIONS
 NO. OF LEVELS= 2
DI= 0.597939994
EPSLN= 0.037599994
MSTEP= 0.100000
USAT=1.03000000
 LOMG .C. SOC. DEC
 SECOND LARL
 X* 6 Y* 6
 / = 1
 RV0=12345
 PCH=5
 DC H = 1
 LEVEL CARDS-8
 LEVEL
 Sx
 SI
 GSX
 GSI
 GPX
 GP I
 PCTYP
 SLFCON
 8
 . 0.500. 0.500. 0.500. 0.500.
 2
 62 • C.500• 0.500• C.500• 0.500•
 62
 0
 LEVEL CARD-A/
LEVEL
 ٧S
 F(+5)
 F(-5)
 F(+P)
 F(-P)
 ESUM
 1. 0.1000000 . C.500000 . 0.999000 . -0.999000 . 0.999900 . -0.999000 .
 5.000000
 • 1.0(000cn • 0.
 . 0.
 · 0.999000 · -0.999000 ·
READY CONTROL CARD
INDICT=CODJOCCOCIT
INPUT MODE=INP2
TEST MODE= * *Ax
CONSECUTIVE OUTPUTS/STRINJ= 1
G-HT PRINT COUNT= 3C
G-HT PRINT MCOSE
A1=0
 1.000000
READOP = 2
NUMIN+ 36
NAME5= 12
MINPS=00000000014
 NCYCS=0000000000014
 INDICT=00000000000001
-0.11524370
 -0.24629287
 -C.37734205
 -0.31181747
 -0.27975518
 LEVEL 1 MS =
 0.099997119
 BIAS =
 -0.27905518
 LOMP.
 IUTPUT
 output
 OUTPUT
 COMP.
 COMPA
 COMP.
 OUTPUT
 COMP.
 OUTPUT
 0.2113055
 ٥.
٥.
 3. 1
8. 1
13. 1
 0.
0.2222750
 5.
10.
 0.7253924
 0.
 0. 427501
0. 0. 4842867
 12. 1
17. 1
22. 1
27. 1
32. 1
37. 1
42. 1
 C.
C.
O.
2.23434C?
 14. 1
19. 1
24. 1
29. 1
34. 1
39. 1
44. 1
54. 1
59. 1
64. 1
69. 1
 11. i
 0.1979249
 0.
 ٥.
 15. 1
 13. 1
18. 1
23. 1
28. 1
33. 1
38. 1
43. 1
 16. 1
21. 1
26. 1
31. 1
 20. 1
25. 1
30. 1
35. 1
 0.2154167
 0.
5.
0.
0.
C.4190888
 0.
 0.2340489
 0.7178495
 35. 1
40. 1
45. 1
50. 1
55. 1
60. 1
65. 1
70. 1
 36. 1
41. 1
 0.
0.
 ٥.
 U.0295497
 0.
0.
0.1397777
 52. 1
 ٥.
 0.2309078
 56. 1
61. 1
 0.
0.
0.663C72
 0.
0.1706823
 0.
 67. I
 63. l
68. l
 66. 1 0...663072 67. 1
71. 1
2 COTPUT OUT OF RANGE, KEM BIAS =
CONTROL = 201 PEGLOCI
 ٥.
٥.
 0.
```

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LEVEL

-100

```
1 BIRS CHANGES
 8:45 . 0.35178916
 ეო≠. აა
0.0
 TO 7 C SEEPEN 2.2 TO 2.2
 0.0 C.
 SUTPUT
 0.
 0.5508118
0.55081
0.55081
0.44919
 SUF NC.
 ###5*###$ 14PUT H1
-0.34696507
 -0.85432129
 -1.1(794935
 4 HIAS CHANGES
 0.07999999 BIAS + -1.10799938
 LEVEL 1 M5 .
 CUTPUT
 OUTPUT
 OutPut
0.3153696
 COMP.
 4. 1
9. 1
 5. 1
 0.
 0.
0.3957434
 3. 1
8. 1
13. 1
19. 1
 ٥.
 10. 1
15. 1
20. 1
25. 1
30. 1
 0.
0.
0.005341/
 1. 1
 C.
 0.
C.6348255
 14. 1
19. 1
24. 1
29. 1
34. 1
39. 1
44. 1
54. 1
59. 1
64. 1
69. 1
 o.
c.
 c.
 16. 1
 23. 1
28. 1
33. 1
36. 1
43. 1
 22. 1
 0.3718584
 o.
c.
 26. 1
31. 1
 3>. 1
40. 1
 0.1290297
 32. 1
37. 1
42. 1
47. 1
 0.3546317
 45. 1
56. 1
55. 1
 C.6582329
 0.
0.1351427
 46. 1 0. 47. 1 C.
51. 1 5. 52. 1 0.
56. 1 C. 57. 1 0.
61. 1 0.6614266 62. 1 C.
66. 1 0. 67. 1 0.
71. 1 C. 72. 1 C.13!
CONTROL GERGGCOCCOCOO1
2 OUTPUT OUT OF RANGE, NEW BIAS *
CONTROL COCCCOCOO3
CONTROL COCCCCOCOO3
 0.
0.
0.
0.
(.1753655
 0.3418355
 53. 1
 60. 1
65. 1
70. 1
0. U
 58. 1
63. 1
69. 1
 ٥.
 LEVEL 2 OUTPUT OUT OF RANGE, NEW DIAS 2
CONTROL **CONGCOOG*
LEVEL 2 OUTPUT OUT OF RANGE, NEW BIAS **
CONTROL **POOLOGOCOOT*
3 RIAS CHANGES

AIAS **

 1.07124559
 AIAS # 3.79564790
 LEVEL 2 MS .
 COMP. OUTPUT COMP. OUTPUT TOMP. OUTPUT 1. 2 0.3036749 2. 2 0.7457867 0. 0 0. SUM NO. 1 IS 0.30368 SUM NO. 2 IS 0.74579
 COMP. QUIPUT
0.0 0.
 COMP. 037#JT
0. C 0.
 *** 2 [NPLT V1
HINPS*000000CCS012
 1 OUTPUT OUT OF RANGE, NEW BIAS = -0.09827621
CONTROL = 000000001
1 OUTPUT OUT OF RANGE, NEW BIAS = -0.22283137
 re Aer
 BIAS . -0.25397018
 #5 .
 0.09199939
 LEVEL 1
 COMP. 4. 1
9. 1
 COMP. 0.2
39 5. 1
10. 1
15. 1
 OUTPUT
 OUTPUT
 OUTPUT
 (GMP.
 THATUE
 C 34P.
 3. 1
8. 1
13. 1
19. 1
23. 1
25. 1
35. 1
 0.3385655
 0.6472939
 2. 1
7. 1
12. 1
17. 1
 0.0249233
 ٥.
 1. 1
6. 1
11. 1
16. 1
 ۲.
 000000
 0.
 c.
 0.0554264
 25. 1
30. 1
 0.198136C
 17. 1
22. 1
27. 1
32. 1
37. 1
42. 1
47. 1
52. 1
 0.4640783
 0.
 0.1 369954
 0.
 35. 1
40. 1
45. 1
 0.1497575
 0.0696866
 o.
c.
 36. i
41. l
46. l
51. l
 43. 1
49. 1
53. 1
 ō.
 50. 1
 G.
 0.4289987
0.
 770126 59. 1
63. 1
69. 1
6. 0
6.40362773
 0.4770126
 0.5266152
 | 52. 1 0. 63. | 63. | 63. | 63. | 63. | 63. | 63. | 63. | 63. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 64. | 6
 C.5175449
```

C.2518250

70. 1

٥.

THE PROPERTY OF THE PARTY OF

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+145 + 2.50724542
 מעורטו
ס.
 5078 1 (2508)
1. 000 2 1. 2
2. 1. 000
5. 0. 6727
 C. C. G.
 7/19/1 (1989) POTPUT
1/23/2764 0. 7 C.

 BOOK OF THE THE SECTION CONTROL THOSE CONTROL CONTROL

| THE CONTROL CONT
-2.3566.046
 -1.11021614
 tfatt 1 #5 #
 -1.11070039
 1. .
1. .
11. !
10. :
26. :
 1040. 1

4. 1

9. 1

14. 1

19. 1

3 24. 1

29. 1

34. 1
 0. C. C.
 7. 1
12. 1
12. 1
17. 1
27. 1
 3. 1
4. 1
13. 1
 0.0144433
 25. I
30. I
35. I
 c.
c.
c.
 3?. 1
37. 1
 34. 1
39. 1
44. 1
54. 1
59. 1
69. 1
 35. :
-1. i
46. :
51. 1
 G.
G. 9493979
 50. 1
55. 1
60. 1
65. 1
70. 1
 G.
C.2552564
 0.1890401
 -2. 1
57. 1
72. 1
 0.
0.
0.0556537
 LE/EL . "5 =
 3145 · 3.36981340
 1.7 1.50 1.55

SUM NC. 2 IS 1.3547
 1349. OUTPUT 1349. OUTPUT 2.2 (.3450694 0.0 0.
 CGMP. SUTPUT
0. 0 0.
 COMP. SUTPUT
O. C).
 115NT1F1CATION INCORRECT.
NCYCK-00100000001 INDICT-00010000001
 ••• 4 14PUT 47 |
MIMPS+0000C077001.
 -3.33630040
 -0.94449875
 SIAS .
 -7.7844:895
 COMP. OU

9 5. 1

10. 1

15. 1

16. 20. 1

12. 25. 1

19. 30. 1

35. 1
 3. 1
5. 1
 0.
0.
5.
 7. 1
 OUTPUT
 (74P.
 JUTPUT
 0.1335639
0.
0.
 c.
 1. 1
 7. 1
12. 1
17. 1
22. 1
21. 1
32. 1
37. 1
 11. .
16. 1
21. 1
 0.
0.1506362
 24. 1
24. 1
34. 1
34. 1
44. 1
 0.5651722
 40. 1
 40. 1
45. 1
50. 1
55. 1
60. 1
65. 1
 0.
0.
 C.
C.3155048
 0.3320193
 54. 1
59. 1
69. 1
 0.1566296
 0.
 0.1659152
0.
0.
 (·
 0.1504135 0
 LEVEL
 LEVEL 2 MS x C. BIAS x 0.09474974
 11-7 1-5
SUM NC- 115 2-5
SUM NC- 215 0-15575
 COMP. OUTPUT 0.
 CHMP. JUTPUT CHMP. BUTPUT CHMP. BUTPUT 2.2 C.93575C7 3.C C. 0.C 0.
```

¥ 92.

```
LEVEL 1 DUTPLY BUT OF HAMPE, NOW BLAS .
-C.2441'c27
 -0 39272064
 -0.31843846
 COMP. OL. 5- 1 10- 1 15- 1 20- 1
 C.09392939 BIAS .
 LEVEL 1
 OUTPUT
 COMF. 8
4. 1
9. 1
14. 1
 OUTPUT
 COMP.
 COMP.
 IUTPUT
 OUTPUT
 C.
C.
 COMP.
 0.
 0.
 3. 1
 2. 1
7. 1
12. 1
 C.
C.1752595
C.
G.
 c.
o.
 1. 1
 0.4939315
 8. 1
 ö.
 14. I
19. I
24. I
29. I
34. I
39. I
44. I
 0.1552359
 0.
 20. 1
 0.2366317
 17. 1
 16. 1
21. 1
 0.
0.1785125
 c.
 27. 1
27. 1
32. 1
 C.
C.4440093
C.0053701
C.534873P
 C.4966095
 23. 1
28. 1
33. 1
38. 1
43. 1
46. 1
53. 1
 0.
0.
0.1741273
 0.
 0.
0.0026712
 U.
 31. 1
36. 1
 1. 1 (. 32. 1 0.00
6. 1 0. 37. 1 C.
1. 1 0. 42. 1 0.
6. 1 0. 47. 1 C.
1. 1 9.3909674 52. 1 0.
6. 1 0. 57. 1 0.4
1. 1 0. 62. 1 0.
6. 1 0. 67. 1 0.
1. 1 0. 72. 1 0.
0.001PUT OUT OF PANCE, NEW BIAS =
 0.
 40. 1
 45. 1
50. 1
55. 1
 0.
0.
0.1553633
 0.
C.
G.
0.1811248
 54.
59.
 0.
0.
0.
 51. 1
56. 1
 60. 1
65. 1
70. 1
 U.2385918
O.
O.4045918
 0.4727698
 63. 1
 c.
G.
 0.
0.
 ٥.
 0. 0
 2 DUTPUT OUT OF RANGE, NEW BIAS *
CONTROL *COOCCOOCOCOCO
2 DUTPUT OUT OF RANGE, NEW BIAS *
CONTACL *COOCCOOCOCO
3 RIAS CHANGES
 0.20561298
 0.4:162597
 LEVEL
 HIAS = 0.41162577
 LEVEL 2
 MS =
 COMP. OUTPUT 2. 2 0.
 COMP. OUTPUT
0.0 0.
 COMP. OUTPUT
 COMP. BUTPUT
 COMP. OUTPUT

1. 2 1.000000

. 1 15 1.00000

. 2 15 C.
 SUM NC.
 SUM NC.
 *** 6 INPUT H3
 -0.45726654
 -0.74195665
 -1.66312920
 -1.17371546
 E HIAS CHANGES
 LEVEL 1 MS =
 C.C9393999 BIAS = -1.12371546
 COMP. OU
27 5. 1
10. 1
15. 1
 COMP. 0
6 4.1
9.1
14.1.
6 19.1
7 24.1
0 29.1
34.1
 COMP.
 OUTPUT
 COMP.
 DUTPUT
 CUTPUT
 DUTPUT
 LOMP.
 OUTPUT
 3. 1
0. 1
13. 1
 0.0799153
 C.1480586
 0.5813227
 1. 1
6. 1
11. 1
 0.0606C33
 2. 1
7. 1
12. 1
17. 1
 0.
 0.8389564
 0.
0.
0.3979076
0.1389407
 0.
 Ô.
 0.
 20. 1
25. 1
30. 1
 0.
 ?.
 19. 1
 27. 1
27. 1
32. 1
37. 1
47. 1
 0.1273360
 23. 1
28. 1
33. 1
43. 1
48. 1
53. 1
53. 1
63. 1
 00000
 0.3432920
 35. 1
40. 1
45. 1
 31. l
 0.6409954
 0.
C.
 o.
c.
 39. 1
44. 1
 30. 1
41. 1
 ٥.
 0.0761099
 49. 1
54. 1
 50. l
 0.
 0.1507148
 0.1011515
 0.
0.4251928
 52. 1
57. 1
62. 1
67. 1
 59.
64.
69.
 c.
c.
 0.
 0.1303272
 60.
65.
 0.
 ٥.
 61. 1
 SEA TO CONTROL TO COURSE TO BLAS CHANGES
 e.
 0.
 -0.05827103
 91AS = -0.06927109
 LEVEL Z
 COMP.
1. 2
1 IS
 COMP. 0
 COMP. OUTPUT
 DUTPUT
 SUM MC.
 | Incatification | Incorrect.
| Neves+10000000013 | | ANDICT-011 (00000001
 LEVEL 1 OUTFOL OUT OF HANGE, TOWN HIAS -
CONTROLSONO COCCOOL
LIVEL 1 OUTFOLT HIT OF HANGE, NEW HIAS =
CONTROLSONO COCCOOL
LEVEL 1 OUTFOLT OUT OF PANSE, NEW HIAS =
CONTROLSONO COCCOOL
LEVEL 1 OUTFOLT OUT OF HANGE, NEW HIAS =
CONTROLSON TOLSONO COCCOOL
LEVEL 1 OUTFOLT OUTFOLE HANGE, NEW HIAS =
CONTROLSON TOLSONO COCCOOL
COUTFOLSON TOLSONO COCCOOL
COUTFOLSON TOLSONO COCCOOL
CONTROLSON TOLSON COCCOOL
CONTROLSON COCCOOL
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COCCOOL
COCCOOL
COCCOOL
COCCOOL
COCCOOL
COCCOOL
COCCOOL
COCCOOL
COCCOOL
COCCOOL
COCCO
 -0.43115559
 -0.83667943
 -1.3421-169
 -1.11-4.815
```

-1.01054 ++1

-3.09559173

機能機能がた。マー・

概,

```
1 4145 444
 1,13333333
 HIAS 4
 -1.00054941
 LEVEL
 COMP.
1 4. 1
9. 1
 COMP. OU
37 5. 1
10. 1
15. 1
20. 1
25. 1
 01201
0.
0.7376742
 STIMP.
 OUTPUT
 JUTPUT
 0.5440937
0.
 3. 1
9. 1
13. 1
13. 1
 0.1758527
 0.1913071
C.
 1. .
 C.9300390
 0.
0.
 14. 1
19. 1
 0.
 0.3408295
6.1719093
C.3111103
 0.
 22. 1
 0.1594628
 0.6512816
 35. 1
40. 1
45. 1
 0.5829059
 31.
 39. 1
 . (38523
0...460433
 36.
 0.6438672
 44.
 43. 1
49. 1
53. 1
58. 1
 ¢.
 44. 1
44. 1
54. 1
59. 1
 o.
 50.
55.
 ٥.
 0.1597404
 50. 1
65. 1
70. 1
 0.1865484
 0.3190020
 6.0750441
 67. 1
 C.
 0.
0.0353257
 0.0099572
 69. i
 0. 0
 c.
 0. 0
 0. 0
LEVEL
 CONTROL = 07 DUCOCODOT
2 OUTPUT DUT OF PANGE, NEW BIAS =
CONTROL = 000 CC DOCCODO?
LEVEL
 2 DUTPUT DUT DE RANGE, NEW BLAS = CONTROL=2000 COCCOOT | 2 DUTPUT DUT OF RANGE, NEW BLAS =
 1.95822300
LEVEL
LEVEL
 1.04683365
 12 BIAS CHANGES
 LEVEL 2 FS =
 1.13797259
 6
BUTPUT COMP. OUTPUT
3.3726891 2.2 0.64
0.37787
0.64330
COMP.
1. 2
SUM NO. 1 IS
SUM NO. 2 IS
 TPUT COMP. OUTPUT 0.6433016 0. C 0.
 OUTPUT
 COMP. OUTPUT
C. C G.
 COMP. GUTPUT
O. O O.
INDENTIFICATION CORRECT
NOVCS #0000000014 INDICT #0000000001
LEVEL
LEVEL 1 OUTPUT OUT OF RANGE, NEW BIAS =

CONTROL *** COCCCCOOL

LEVEL 1 OUTPUT OUT OF RANGE, NEW BIAS =

CONTROL *** COCCCCOOB

LEVEL 1 OUTPUT OUT OF RANGE, NEW BIAS =

CONTROL *** COCCCOOB

LEVEL 1 OUTPUT OUT OF RANGE, NEW BIAS **

CONTROL *** COCCCOOR

4 HIAS CHANGES
 -0.07007445
 -0.1666R2C5
 -0.21498585
 LEVEL 1 MS =
 (.(1993993
 8IAS = -0.21498585
 COMP.
0 4.1
9.1
 COMP. DU
5. 1
752 10. 1
129 15. 1
19 20. 1
25. 1
 JUT PUT
 COMP.
 OUTPUT
 COMP.
 0.0386470
 n.
c.
n.:911508
 0.
0.0738752
C.3001129
0.2467489
 0.
7.0137329
0.0217478
 9. 1
13. 1
18. 1
23. 1
 0.3881923
 G.
 14. 1
19. 1
 0.3237188
 17. 1
 29. 1
34. 1
39. 1
 C.2239066
 0.3100908
 0.0819452
 30. 1
 0.0326602
 35.
40.
 33. 1
38. 1
 G.2534551
O.
 0.
 43.
 50. 1
55. 1
 0.0009466
 C.5384252
 0.
 54. 1
59. 1
64. 1
69. 1
 0.1004930
 58.
 60. 1
65. 1
70. 1
0. 0
 0.2957031
 C.
0.241'911
 68. 1
 0.3805276
LEVEL 2 DUTPLT
CONTROL=
 0.80554070
 CONTROL = 130 COCCO33
 LEVEL 2 #5 =
 HIAS .
 0.80559070
 COMP. ...
 COMP. 00
 COMP.
 ruteut
 CHMP.
 OUTPUT
 OUTPUT
 10 2
 1.360.0
 *** 9 | | 1911 44
MINPS=0600000 1000 E
```

ECVEL . DUTPLE OUT LE HANGE, NEW BIAS =

· 36

```
0.1949:339 HIAS : -0.30876498
 " н5 =
 LEVEL
 COMP. C
5 4.1
9.1
14.1
4 19.1
 OUTPUT
 0.1919+22
 COMP.
 CUTPUT
 0.0269164
 CUTFUT
 r.1973a55
 1. i
 0.
U. U175156
 G.
G.1437324
 0.1778667
 20. l
25. l
 17. 1
22. 1
27. 1
37. 1
42. 1
47. 1
52. 1
57. 1
67. 1
77. 1
 0.1 146546
0.
1.3269727
 4.7427126
 0.1734833
 0.1812008
 23. 1
 (.
0.1405623
 0.
1.(1(284)
0.).02(66
 0.1096396
 0.
0.6743843
0.6047533
G.2279018
 40.
 0.
 0.2104961
 44. 1
44. 1
54. 1
59. 1
64. 1
 0.14. 380
 (.
..)397647
..1608P50
 0.
2.2112763
 C.
C.0005838
 44. 1
53. 1
 0.
0.1684673
 0.
0.2509584
0.1958147
 0.
 65.
70.
 0.2623042
LEVEL 2 DUTPLT OUT OF RANGE, NEW BIAS = CONTROL 2070 COCCOOT

LEVEL 2 DUTPLT OUT OF RANGE, NEW BIAS = CONTROL 2070 COCCOOT

LEVEL 2 DUTPLT OUT OF RANGE, NEW BIAS = CONTROL 2070 COCCOOT

LEVEL 2 DUTPLT OUT OF RANGE, NEW BIAS = CONTROL 2070 COCCOOT

LEVEL 2 DUTPLT OUT OF RANGE, NEW BIAS = CONTROL 2070 COCCOOT

LEVEL 2 DUTPLT OUT OF RANGE, NEW BIAS = CONTROL 2070 COCCOOT

LEVEL 2 DUTPLT OUT OF RANGE, NEW BIAS = CONTROL 2070 COCCOOT

LEVEL 2 DUTPLT OUT OF RANGE, NEW BIAS = CONTROL 2070 COCCOOT

LEVEL 2 DUTPLT OUT OF RANGE, NEW BIAS = CONTROL 2070 COCCOOT

T BIAS CHANGES
 c.
 5.50000000
 1.38054379
 C.94028442
 7 HIAS CHANGES
 BIAS . 1.16042660
 OUTPUT COMP. OUTPUT COMP. OUTPUT
0.2928463 2.2 0.7266996 0.6 0.
0.29290
0.7267.
 COMP. OUTPUT
0. C C.
 COMP. OUTPUT
0.0 0.
 1,2
1,2
1,15
2,15
 ### 10 ENPUT H4
HENPS+0030C0C07006
 IDENTIFICATION INCORRECT.
NCYCS*CCC000C00G12 INDICT=000C00001
 LEVEL 1 OUTPUT OUT OF PANGE, NEW BIAS = CONTROL=30**COLOCOLOL 1 OUTPUT OUT OF RANGE, NOW BIAS = CONTROL=JOPC100C0003 2 RIAS CHANGES
 0.05734293
 LEVEL 1 MS .
 C.03999939 BIAS # 0.11757798
 COMP.
5 4. 1
9. 1
 COMP.
3. 1
8. 1
13. 1
 OUTPUT
 COMP.
 OUTPUT
 5. 1
10. 1
15. 1
 0.
0.1216527
0.6054829
0.1018054
 COMP.
 OUTPUT
 C.C014175

O.

O.

U.12+359

G.
 0.1149934
0.1089841
0.1750240
 2. 1
7. 1
12. 1
17. 1
22. 1
 1. i
6. i
il. l
 C.
C.0139695
 C.1349306
O.1335422
 20. 1
25. 1
30. 1
35. 1
 24. l
29. l
 0.
0.1107285
 0.1214802
 0.10+1281
 0.
3.1046880
0.1256186
 32. 1
37. 1
42. 1
47. 1
52. 1
 0.0260971
 C.
0.1181799
 45. 1
55. 1
60. 1
65. 1
70. 1
 0.1040531
 C.
0.0787952
U.1232930
 0.1352298
 0.1210801
54. 1
59. 1
 0.
C.1238810
 G.0745352
O.1872904
 0.1082053
 0.1917123
 0.1746093
 1.47:43146
 0. 48571575
 PLAS + 0.18571575
 CHMP. OUTPUT COMP. OUTPU: 2. 2 C.6733936 0. 0.
 COMP. OUTPUT
0.0 0.
 COMP. OUTPUT
0. G G
 *** 11 INPUT H4
MINPSCOUCUURECU6
 LEVEL 1 DUTPLT OUT OF MANNE, NEW BIAS =
OF CHITCHENDS DOCCOOL
 0.(6777542
 LEVEL 1 BUTPLT BUT OF HAIDS, N > BIAS =
 1.90026973
 LEVEL 1 GUIPLIT OUT OF HARDS, N. y. BIAS = ...
COTTRULE (CC CCCC 75)

ARITHMETICC OVERSEON COCURRO AN LOC 22135

LEVEL 1 GUIPLIT DUT OF HANDS, NEW HIAS = ...
CONTRULEC L LOCCOD3

LEVEL 1 GUIPLIT OUT OF RANDS, NEW HIAS = ...
CONTRULE C LOCCOD7

LEVEL 1 GUIPLIT OUT OF RANDS, NEW BIAS = ...
CONTRULE - _ LOCCOD7

LEVEL 1 GUIPLIT OUT OF HANDS, NEW BIAS = ...
CONTRULE - _ COLOCOT

LEVEL 1 GUIPLIT OUT OF HANDS, NEW BIAS = ...
CONTRULE - _ COLOCOT

LEVEL 1 GUIPLIT DUT OF HANDS, NEW BIAS = ...
CONTRULE - _ COLOCOT

LEVEL 1 GUIPLIT DUT OF HANDS, NEW BIAS = ...
CONTRULE - _ COLOCOT

LEVEL 1 GUIPLIT DUT OF HANDS, NEW BIAS = ...
CONTRULE - _ COLOCOT

LEVEL 1 GUIPLIT DUT OF HANDS, NEW BIAS = ...
 0.49403476
 0.23959261
```

一ついることを こうないのかし

The second second

A BIAS CHATUES

```
0.09999999
 BIAS .
 0.21096025
 COMP.

16 4. 1

9. 1

14. 1

19. 1
 LEVEL
 OUTPUT (.(
0.1066026
 OUTPU!

C. 174560

O. C54638
 OUTPUT
 COMP.
 CHMP.
 C')MP.
 3. 1
0. 1
13. 1
 0.0450306
 5. 1
10. 1
 1. i
 0.0932429
 0.0872363
 0-05/6404
 12. 1
 0.1016610
 C. 254638
C. 2664236
C. 2745097
C. 4756744
C. 2756744
C. 2643618
 0.0784670
 17. 1
22. 1
27. 1
 0.0972048
 C.C873456
 0.0872146
 16.
 0.0872146
0.0998556
0.0897390
0.0965170
0.0801535
0.0906924
 C.
0.2601672
 0.6847776
 6.0806458
 28. 1
 32. 1
37. 1
 0.
0.0765871
 0.
0.0957892
0.
 39. 1
44. 1
49. 1
 40.
45.
50.
 0.0844386
 36.
 47. 1
 0.0976217
 43. 1
48. 1
 C.
0. 0950764
 0.0932128
 3...817917
C...728038
C.1544222
C.0875679
C.1426633
 (.1^16237
 52. :
57. 1
 0.1033620
 55. 1
 51.
 60. l
 0.0474645
 0.0833409
 0.0893783
 90. 1 (0.728038 57. 1 (61. 1 0.1544222 62. 1 (66. 1 0.0875679 67. 1 (71. 1 0.1426633 72. 1 (67. 1 0.7287579 67. 1 (72. 1 0.7287579 67. 1 0.7287579 67. 1 (72. 1 0.7287579 67. 1 0.7287579 67. 1 (72. 1 0.7287579 67. 1 0.72875
 0.1262941
 G.
G. G369547
 64.
 63. 1
 0.
0.1245871
 76.
 0.0315025 0.
0.5r300330
LE VEL
 LEVEL
 1.64290667
1.07125334
 0.78562668
 0.92844000
 0.85703334
 LEVEL 2 MS =
 BIAS *
 0.85703334
 COMP. OUTPUT COMP. OUTPUT 2. 2 C.4571572 0. C C.
 COMP.
1. 2
SUM NC. 1 IS
SUM NC. 2 IS
 nuteur
1. 1613223
5 1.20132
5 1.45716
 OUTPUT
 CUTPUT
 COMP.
 0. 0
 INDENTIFICATION GRRECT
NCYCS=COCCOOCCI4 INDICT=000000000C1
 EL LOUTPUT OUT OF RANGE, NEW BIAS =

CONTROL = COCCOOCS

CONTROL = COCCOOCS

LOUTPUT OUT OF RANGE, NEW BIAS =

CONTROL = COCCOOCS

LOUTPUT OUT OF RANGE, NEW BIAS =

CONTROL = COCCOOCS

LOUTPUT OUT OF RANGE, NEW BIAS =

CONTROL = COCCOOCS

A RIAS CHANGES
 LEVEL
 -9.37237912
 -0.83004324
 LEVEL
 LEVEL
 -1.05892530
 SIAS =
 -1.05892530
 C.09799993
 LEVEL
 OUTPUT
 COMP.
 OUTPUT
 OUTPUT
 CUMP.
 CUTPUT
 COMP.
 DUTPHT
 5. 1
10. 1
 C.6911985
 C.
 0.
 1. 1
 0.
 15.
 0.4541931
 14. 1
19. 1
 12. 1
 13. 1
 17. 1
22. 1
27. 1
 C.1554638
 0.1498809
 16. 1
21. 1
 25. 1
30. 1
 0.
 36. 1
35. 1
40. 1
45. 1
50. 1
 32. 1
37. 1
41. 1
 0.
 33.
 34. 1
39. 1
 38. 1
43. 1
 0.5014594
 36. .
41. 1
 0.4388877
 0.4549256
0.6201773
 0.1921899
 47. 1
52. 1
57. 1
 (i.
C.2704047
 48. 1
 54. 1
59. 1
 0.
0.
0.1864301
 60.
65.
70.
 0.1874563
 ٥.
 ġ.
 61. 1
 ¢.
 0.5020100
 71. 1 P. CHANGES
 45 ×
 LEVEL
 COMP. U.
 COMP. 00
0. 0
 COMP.

1. ?

SUM NC. 1 IS
SUP NC. 2 IS
 ∩UTPUT
3.3743236
1.3743.
1.4743.
 COMP.
0. 0
 OUTPUT
 OUTPUT
 COMP.
2. 2
 OUTPUT
 OUTPHT
 INFITIFICATION INCORRECT.
NCYUS=COCCOOCCO13 INDICT=0000000001
 *** 13 | TIPLT V4
 TOUTPUT OUT OF MANGE, NEW BLAS =
CONTROL = (CG. OCLOC)
L 1 OUTPUT OUT OF MANGE, NEW BLAS =
CONTROL = COTOCCCOO
L 1 OUTPUT OUT OF MANGE, NEW BLAS =
CONTROL = CCCC - CCCOO
L 1 OUTPUT OUT OF MANGE, NEW BLAS =
L 1 OUTPUT OUT OF MANGE, NEW BLAS =
CONTROL = CCCC - CCCCOO
L 1 OUTPUT OUT OF MANGE, NEW BLAS =
 -0.33817960
 LEVEL
 LEVEL
 -6.75059731
 LEVEL
 -1.16301502
 -0.45680617
 LEVEL
 LEVEL 1 DUTPLT OUT OF RANGE, NEW BIAS =

CONTROL***COCCOCCC7

LEVEL 1 DUTPLT OUT OF RANGE, NEW BIAS =

CONTROL***COCCOCCC7

LEVEL 2 DUTPLT OUT OF RANGE, NEW BIAS =

CONTROL***COCCCOCCC7
 -0.85370174
 -6.90525395
```

8 HIAS CHANGES

; \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

•,

```
& SIAS CHANGES
 0,6799999 8145 - -0.90525375
 LEVEL
 1 PS .
 COMP. 5. 1
 GUTPUT
 0.6555889
0.
 0.
 0.
 3. l
8. l
 2. 1
7. 1
 1. 1
 0.0065525
 10. 1
 0.
 û.
 13. 1
 ٥.
 11. 1
 12. 1
 15. 1
28. 1
28. 1
33. 1
39. 1
 0.
0.2125242
 0.1962197
0.
C.1994764
 20. 1
25. 1
30. 1
35. 1
 16. i
21. i
 0.
 27. 1
 2.0483700
 0.
0.1343602
 ٥.
 40. 1
45. 1
50. 1
55. 1
60. 1
65. 1
70. 1
 o,
c.
 39. 1
44. 1
49. 1
 0.5690566
 0.3736885
 0.2403792
 0.3746651
7.5920426
0.370586
 C.
C.2599153
 C.
 64. l
 0.1037925
 0.2263385
 0.4020709
 71. 1 C. 72. 1 2 OUTPUT OUT OF RANGE, NEW BIAS .
LEVEL
 0.50000000
COMP.
0. G
 OUTPUT COMP. OUTPUT COMP. DUTPUT 6.2856525 2.2 C.7627285 0.0 C. 5 0.28565 5.76273
 COMP. OUTPUT
0.0
 OUTPUT
O O.
SUP YC.
 *** 14 INPUT V4
MINPS*06300000004
LEVEL 1 OUTPUT OHT OF RANGE, NEW BIAS = -0.03906006

LEVEL 1 OUTPUT OUT OF HANGE, NEW BIAS = -0.11644956

CONTROL = 7.355.766.103
2 BIAS CHANGES -0.11644956
 LEVEL 1 MS =
 C.09999999 91AS -
 -0.11644956
 COMP.
5. 1
10. 1
'5. 1
 PUT COMP. C
C.5608317 4.1
C. 9.1
 OUTPUT
 OUTPUT
 1. 1
6. 1
 OUTPUT
 0.
0.0245759
 C.1659213
 2. l
7. i
 0.
 0.3314895
 0.1463436
 C.
C.3738730
 12. 1
 0, 1624503
 0.6577280
 29. 1
34. 1
39. 1
 26. l
31. l
 o.
:
 35. 4
40. 1
45. 1
 36. i
 0.5088835
 C.
 38. 1
 0. 0. 3732892
 43. 1
48. 1
53. 1
 ٥.
 0.2779144
 0.1226580
 • 2
 0.1064110
 0.2689731
0.1287674
 0.
0.
0.1414820
0.1699274
 50. 1
65. 1
70. 1
0. 0
 56. l
61. l
 0.1466729
 68. l
LEVEL 2 OUTPUT OUT OF RANGE, NEW BIAS = 0.37055673

** CONTROL = 0.000000001
 A MIAS CHANGES
 LEVEL 2 45 *
 91AS = 0.37055673
 0.3C67589 2.
0.3C67589 2.
0.3C676
0.62041
 QUIPUT COMP. OUTPUT C.6294433 0.0 C.
 COMP.
1. 2
1 IS
2 IS
 DUTPUT
 COMP. OUTPUT
0. 0 0.
 COMP. OUTPUT
 SUM NC.
INFORMATIFICATION INCORPECT.
MCYCS=000000000013 INDICT=00000000001
LEVEL | CONTROL SONCTORD OF RANGE, NEW BIAS = CONTROL SONCTORDOROGI | CONTROL SONCTORD OF RANGE, NEW BIAS = CONTROL SONCTORD OF RANGE, NEW BIAS =
 0.03314671
 0.08838509
```

KAPATAN

```
2 RES CHANGES
 0.08830509
 LEVEL
 MS =
 0.09999999
 BIAS .
 OUTPUT
 COMP. 1
9. 1
 CUTPUT
 COMP.
 OUTPUT
 104100
 COMP.
 COMP.
 0.210595#
C.
0.2011826
0.1044349
 5. 1
10. 1
 1. 1
6. i
11. 1
 C.1779498
 2. 1
7. 1
 3. 1
9. 1
 0.0233178
 0.2040376
 0.
 14.
 0.6217315
0.1753009
 13. 1
 12. 1
17. 1
 0.2024650
 0.1774279
 23. 1
28. 1
33. 1
38. 1
 24. 1
29. 1
 0.2102292
 26.
 32. 1
37. 1
42. 1
47. 1
52. 1
 34. l
39. l
 0.0247482
 31. 1
 c.
 0.
0.1571101
 36. i
 40.
 0.1972347
0.0754594
0.0785808
 45. 1
50. 1
55. 1
 0.1737070
0.1911737
0.
 0.0670739
 C.0393147
 0.0997249
 46. 1
 C.
0.7110867
 0.2172090
0.2172090
0.2412946
0.504132
0.1354720
 53. 1
 0.
0.0576563
 54. l
59. l
 57. 1
62. 1
67. 1
72. 1
 58. 1
63. 1
68. 1
 0.
0.
0.2129070
 5. 1
70 1
0. 0
 0.2263626
 0.
0.1732086
 6. 1
 0.
 T1. 1 0.1754720 72. 1 0

LEVEL 2 DUTPLT OUT OF RANGE, NEW BIAS =

CONTROL=CCCCCOOCCG3

LEVEL 2 DUTPLT OUT OF RANGE, NEW BIAS =

CONTROL=COCCCCCCGG, NEW BIAS =

CONTROL=CCCCCCCCGG, NEW BIAS =

CONTROL=CCCCCCCCCCCGG

LEVEL 2 DUTPLT OUT UP RANGE, NEW BIAS =

CONTROL=CCCCCCCCCCGG

4 BIAS CHANGES
 LEVEL
 0.35478264
 0.76956531
 0.53217398
 0.67686964
 RIAS =
 0.62086964
 LEVEL 2
 TPUT COMP. OUTPUT
0.9113043 0.0 C.
 COMP.
1. 2
. 1 IS
. 2 IS
 0017901 COMP. OUTPUT
2.2894726 2.2 0.91
2.68747
 O. C O.
 COMP. OUTPUT
 C. 71130
 IMENTIFICATION INCORRECT.
 INPLT HS
 190101=3000000000000001
 MINPS=0600L00CCCC4
 NCYCS=COCGOOCOOC12
LEVEL 1 OUTPLT OUT OF RANGE, NEW BIAS =

"" GONTROL=" OTCOGOOGO 31

LEVEL 1 OUTPLT OUT OF RANGE, NEW BIAS =

"" CONTROL=" OTCOGCOOG 3

ARITHMETICC OVERFLOW OCCURED AT LOC 22135

LEVEL 1 OUTPLT OUT OF RANGE, NEW BIAS =

"" COHTROL=DECCEDOOG 3

ARITHMETICC SVERFLOW OCCURED AT LOC 22135

LEVEL 1 OUTPLT OUT OF RANGE, NEW BIAS =

"" CONTROL="OTCOGOGO 3

LEVEL 1 OUTPLT OUT OF RANGE, NEW BIAS =

"" CONTROL="OTCOGOGO 3

LEVEL 1 OUTPLT OUT OF RANGE, NEW BIAS =

"" CONTROL="OTCOGO 30

LEVEL 1 OUTPLT OUT OF RANGE, NEW BIAS =

"" CONTROL="OTCOGO 30

LEVEL 1 OUTPLT OUT OF RANGE, NEW BIAS =

"" CONTROL="OTCOGO 30

LEVEL 1 OUTPLT OUT OF RANGE, NEW BIAS =

"" CONTROL="OTCOGO 30

LEVEL 1 OUTPLT OUT OF RANGE, NEW BIAS =

"" CONTROL="OTCOGO 30

LEVEL 1 OUTPLT OUT OF RANGE, NEW BIAS =

"" CONTROL="OTCOGO 30

LEVEL 1 OUTPLT OUT OF RANGE, NEW BIAS =

"" CONTROL="OTCOGO 30

LEVEL 1 OUTPLT OUT OF RANGE, NEW BIAS =

"" CONTROL="OTCOGO 30

LEVEL 1 OUTPLT OUT OF RANGE, NEW BIAS =

"" CONTROL="OTCOGO 30

LEVEL 1 OUTPLT OUT OF RANGE, NEW BIAS =

"" CONTROL="OTCOGO 30

LEVEL 1 OUTPLT OUT OF RANGE, NEW BIAS =

"" CONTROL="OTCOGO 30

LEVEL 1 OUTPLT OUT OF RANGE, NEW BIAS =

"" CONTROL="OTCOGO 30

LEVEL 1 OUTPLT OUT OF RANGE, NEW BIAS =

"" CONTROL="OTCOGO 30

LEVEL 1 OUTPLT OUT OF RANGE, NEW BIAS =

"" CONTROL="OTCOGO 30

LEVEL 1 OUTPLT OUT OF RANGE, NEW BIAS =

"" CONTROL="OTCOGO 30

LEVEL 1 OUTPLT OUT OF RANGE, NEW BIAS =

"" CONTROL="OTCOGO 30

LEVEL 1 OUTPLT OUT OF RANGE, NEW BIAS =

"" CONTROL="OTCOGO 30

LEVEL 1 OUTPLT OUT OF RANGE, NEW BIAS =

"" CONTROL="OTCOGO 30

LEVEL 1 OUTPLT OUT OF RANGE, NEW BIAS =

"" CONTROL="OTCOGO 30

LEVEL 1 OUTPLT OUT OF RANGE, NEW BIAS =

"" CONTROL="OTCOGO 30

LEVEL 1 OUTPLT OUT OF RANGE, NEW BIAS =

"" CONTROL="OTCOGO 30

LEVEL 1 OUTPLT OUT OF RANGE, NEW BIAS =

"" OTCOGO 30

LEVEL 1 OUTPLT OUT OF RANGE, NEW BIAS =

"" OTCOGO 30

LEVEL 1 OUTPLT
 0.06901616
 3.45341903
 1.7612:759
 0.91511685
 0.49206652
 0.29054135
 0.22766005
 0.09999999 BIAS #
 9.22766095
 COMP.
4 4.1
9.1
 COMP. UN
 LOMP.
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 OJTPUT
 GUTPUT
 0.0424608
0.1283733
0.0422304
 2. l
7. l
 C.1302194
G.1377888
G.1402295
 0.1373554
 0.
0.1330988
 0.0.1105959
 10. 1
15. 1
 6. 1
0.1334700
 0.1271481
 19. 1
24. 1
29. 1
 0.C122U31
0.1376053
0.0664398
 C.1197324
 23. 1
28. 1
 c.
 ¢.
 0.
0.1481737
 30. 1
 33. 1
38. 1
43. 1
48. 1
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 C.
C.1039413
C.1508197
D.150902
 0.1427062
 0.
0.1601807
 46. 1
45. 1
 0.
9.1408344
 50. i
 0.1086382
 49. 1
 C.1465941
 54.
59.
 0.
0.1142799
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0.1630643
 60. I
 C. 0570308
 G.
 63. 1
 C.1416136
 0.1474820
 L.1310>92
 U.50000000
 0.79471643
 8145 =
 OLAN = 0.794

OLAN = 0.794

OLAN = COMP.

OLAN = COMP.

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OLAN = 0.794
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G. C
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 COMP. OUTPUT
1. 2 0.186
SUM NG. 1 IS 0.186
SUM NG. 2 IS 0.753
 OUTPUT
 OUTPUT
 DUTPUT
 *** 17 [NPLT H5
MINPS=0000000CCC004
 IDENTIFICATION INCURRECT.
NGYC5=0000000000011 INDIGT=000000000001
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EL : CUTPLT OUT OF RANGE, NEW BEAS +
CEVEL 1 OUTPUT DUT OF RANGE, NEW BIAS -
OF CRITICAL DUTY, CROSSOS
LEVEL 1 GUIPUT DUT OF RANGE, NEW BIAS -
OF SONTABLE MANGE, NEW BIAS -
OF SONTABLE MANGE, NEW BIAS -
OF CONTROL - MANGE OF RANGE, NEW BIAS -
OF CONTROL - MANGE OF RANGE, NEW BIAS -
OF CONTROL - MANGE OF CONTROL - M
 0.20833330
 5.23253649
 2.72043493
 1.46439411
 0.43635071
 0.52234603
 -- CONTROL - 200 COOCOUR
LEVEL 1 DUTPUT ONL OF PAYSO, NOW BIAS +
-- CONTRIL - COCC TO COOR
LEVEL 1 DUTPUT OF RANGE, NOW BIAS +
 LEVEL 1 OUTPUT OF RANGE, VEH CONTROL PORTOR OF RANGE, ME. BIAS 4

OUTPUT OUT OF RANGE, ME. BIAS 4

CONTROL CONTROL OF RANGE, ME. BIAS 4

OUTPUT OUTPUT OF RANGE, ME. BIAS 4
 C.37604610
 0.34571389
 LEVEL 1 HS .
 C.(7799999 41AS =
 C. 34571386
 OUTPUT CO
1 0.C764710
1 0.1492612
1 0.1277416
1 0.1240084
1 0.1041657
1 0.1120493
1 0.1273592
 7UTPUT

1.1130376

1.1150225

7.1175541

1.1327632
 OUTPUT
 COMP.
 OUTPUT
 1. ;
6. 1
11. i
 2. 1
7. 1
 C.1108204
 C.1153278
 0.0970994
0.9940623
0.1203697
 10. 1
 8. 1
 0.0986482
 0.0895263
0.1194498
 16. .
 23. 1
26. 1
33. 1
36. 1
43. 1
 0.0531364
 0.0197514
 0-1145877
 0.
C.1017963
C.1171130
 0.
0.1237501
 40. 1
45. 1
 C.
0.1285654
 0.1145804
 0.1141755
0.
0.1275353
 0.6637479
9.1331426
 C.1280994
 G.
C.1288299
 0.1008684 68.
0.1008684 68.
0.1217117 04
0.51066090
 58. i
63. l
69. l
 59. 1
 40. 1
 0.1092196
 0.1103523
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LEVEL
 1.59621184
 0.77405298
 0.91107945
 LEVEL 4
 BIAS .
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 COMP. OUTPUT COMP. OUTPUT COMP. OUTPUT

1.7 0.4618201 2.2 0.5360451 0.0 0.

1.15 0.46182

2.25 1.74605
 COMP. OUT PUT
0. C 0
 COMP. OUTPUT
0. 0 0.
 SUM NO.
 NCVCS+100030C00010 INCORRECT.
 LIPUT HS
 MIMPS=000000000000004
 100000000000=131UVI
LEVEL 1 OUTPUT OUT OF RANGE, NEW BIAS = CONTROL = OFC. DECOG!

LEVEL 1 OUTPUT OUT OF RANGE, NEW BIAS = CONTROL = OFC. DECOG!

LEVEL 1 OUTPUT OUT OF RANGE, NEW BIAS = CONTROL = CONTROL = OFC. DECOG!

LEVEL 1 OUTPUT OUT OF RANGE, NEW BIAS = CONTROL = OFC. DECOG!

LEVEL 1 OUTPUT OUT OF RANGE, NEW BIAS = OFC. DECOG!

LEVEL 1 OUTPUT OUT OF RANGE, NEW BIAS = CONTROL = OFC. DECOG!

LEVEL 1 OUTPUT OUT OF RANGE, NEW BIAS = CONTROL = OFC. DECOG!

LEVEL 1 OUTPUT OUT OF RANGE, NEW BIAS = OFC. DECOG!

LEVEL 1 OUTPUT OUT OF RANGE, NEW BIAS = OFC. DECOG!
 0.2(833330
 0.48611193
 0.4166660
 L.45139843
 LEVEL 1
 C. C9999999 BIAS =
 0.45138831
 COMP. 0
5 4. 1
1 9. 1
7 14. 1
3 19. 1
6 24. 1
29. 1
 CUTPUT
 COMP.
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 OUTPUT
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 0. 866722
0.1039912
0.1136738
0.1312947
 C.1033364
C.
C.0420465
 0.1191535
C.0904981
C.C887597
 1. .
 0.1186448
0.1232512
 5. 1
10. 1
15. 1
20. 1
25. 1
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27. 1
 0.1306779
0.0831721
0.1023940
0.0866416
 0.0886574
0.0938813
0.0952509
 13. 1
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23. 1
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 26. 1
 c.
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47 • 1
 0.0429400
0.1063932
0.0375393
C.1174545
 35. i
40. i
 .1. :
 5.1437624
 0.1182518
 39. 1
44. 1
49. 1
54. 1
 38. 1
43. 1
 C.
9.1159979
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 49. 1
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77. 1
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 7+1(C7123
7+1(46634
7+1-32-22
 0.1037711
 J1 . .
 U.
 65. 1
 .1051975
 C.C749229
 0.1013504
 C. C 767243
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LEVEL
 0.50000000
LEVEL
 1.30725272
LEVEL
 0.7018.319
LEVEL
 0.80271977
 LEVEL 2
 6145 -
 0.00271917
 COMP. 0. 0
 COMP.
1. 2
. 1 IS
. 2 IS
 0.5845470
 C. 0 0.
 COPP. OUTPUT
2. 2 6.40
 TPUT COMP.
6.4033746 9.0
 0UT PUT
 OUTPUT
 C.58455
C.4C337
 | TYDENTIFICATION | CORRECT | NCYCS=000000000014 | TYDICT=93090000000001
LEVEL
LEVEL
 -0.83773449
LE VEL
 -1.29902251
LEVEL
 -1.C6837851
 4 BIAS CHANGES
 LEVEL
 45 =
 C.07999999 BIAS =
 -1.06937851
 1
 3. 1
8. 1
13. 1
 OUTPUT
 OUTPUT
 COMP.
 109100
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6. 1
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 0.6539122
0.4897469
0.0415970
 32. 1
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42. 1
 33. 1
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41. 1
 ç.
c.
 47. 1
52. 1
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 0.5484481
 0-1046788
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0.1003134
 0.2379869
 0.
0.6102423
 0.3482285
 65. 1
70. 1
 LEVEL
 G.
 0.23523284
 0.47046570
LEVEL
 LEVEL 2
 45 =
 BIAS =
 0.47046570
 LOMP.
1. 2
. 1 IS
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 OUTP'T COMP. OUTPUT
1.000000 2.2 0.
1.00000
 COMP. OUTPUT
C. C C.
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0. 0 0.
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SUM NO.
 IDENTIFICATION INCORRECT.
*** 20 ENPLT V5
MENPS=0006C009C023
 10000C 10000L 100001
 1 OUTPUT OUT OF RANGE, NEW BIAS = CONTROL=CONCLOCCION 1 OUTPUT OUT OF RANGE, NEW BIAS = CONTROL=CONCOONS 1 OUTPUT OUT OF RANGE, NEW BIAS = CONTROL=COCCOOR 1 OUTPUT OUT OF RANGE, NEW BIAS = CONTROL=COCCOOR 1 OUTPUT OUT OF PANGE, NEW BIAS = CONTROL=COCCOOR 1 OUTPUT OUT OF PANGE, NEW BIAS = CONTROL=COCCOOR 1
 -0.34713037
LEVEL
LEVEL
LEVEL
 -1.20459960
LEVEL
 -0.99023230
LEVEL
 -0.86304865
reaer
 CONTROL = 000C.COCCGG7
1 OUTPUT OUT OF RANGE, NEW BIAS = CONTROL = 000C0G000007
 -0.93664647
 6 8145 CHANGES
 1 +3 =
 LEVEL
 0.6999999
 RIAS =
 -0.93664047
 COMP.
4. 1
9. 1
 COMP.
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7. 1
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37. 1
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 C.
0.3u61177
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 23. 1
28. 1
33. 1
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29. 1
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 0.6407720
0.6407720
 21.
 30. 1
35. 1
40. 1
45. 1
 ٥.
 0.6190831
0.3952933
0.1567251
 0.0098037
 44. 1
49. 1
 0-4235214
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 50. 1
 46.
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56.
51.
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 65. 1
 0.
 0.2606601
 0.
 0.1853693
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2 OUTPUT OHE OF HANDS NEW BIAS P. CONTRELS 21C 10000001
2 OUTPUT OHE OF HANDS NEW BIAS S. CONTRUES N. COUTPUT OHE REGIS, NEW BIAS S. CONTRUES OUTPUT OHE OF HANGE, NEW BIAS S. CONTRUES OUTPUT OHE OF HANGE, NEW BIAS S. CONTRUES OUT OF HANGE, NEW BIAS S. CONTRUES OUTPUT OHE OF HANGE, NEW BIAS S. CONTRUES OUTPUT OHE OF HANGE, NEW BIAS S. CONTRUES OUTPUT
LEVEL
 2.44022565
 LEVEL
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 1.24258463
 LEVEL
 LEVEL
 1.36634873
 41A5 =
 CCMP. ...
 com. ...
 GUTPUT
 UTPUT CAMP.
0.9786452 9.0
 OUTPUT
 Cilab*
 DUTPUT
 1. 7 C.
1.15 C.
 OUTPUT
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 I WLT VS
 21
 41485+363000 / 5007
 45 =
 C.C. 1111141 3145 + -0.13676377
 5. 1
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15. 1
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 COMP.
4 4. 1
9. 1
 3. 1 0.0
8. 1 0.1
13. 1 0.2
 COMP.
2. 1
7. 1
 CUTPUT
 COMP.
 gureut
 0.4 (794)
1.704)330
0.4 (74)330
0.4 (74)325
0.4 (74)445
 C.2263769
 0.5560780
0.5560780
0.2965629
 0.
 14. i
19. i
 9.4034227
 17. 1
 e.
 11. .
 0...770821
 ٥.
 16. .
 23. 1
23. 1
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 25. 1
 24. 1
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34. 1
 0.0406328
 C.
 0.
0.2953266
 24. :
 0.0603765
 26. i
 0.
0.1114586
 C.2953286
C.0372273
C.0470C2C
C.0601867
C.
C.15453C7
C.2632203
C.
 0.
0.
0.4803937
 39. 1
44. 1
47. 1
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 46. 1
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o.
 36. i
41. .
0.02 39807
 50. 1
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 53. 1
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 0.3045664
 6.9716: 745
 LE/EL 2 45 x
 HIAS = 1.35741116
 161401
 COMP. OUTPUT
0.0 0.
 COMP. OUTPUT
 000 27 | 14PU1 HE | 2000 270 270 2
 THE REFERENCE THE TRAFFE TO TH
 LEVEL 1 OUTPUT HAT OF HANGE, N = 4145 = 0.01218920

** CONTINUESCOTOOL

1 MIAS CHANGES
 (*******
 LEVEL 1 MS =
 3.01219930
 HIAS =
 PUT COMP. 0
C-1410910 4-1
C-2354004 9-1
C-634214 14-1
C-1028404 24-1
C-29-1
 3. 1
5. 1
13. 1
13. 1
23. 1
 COMP. O:
5. 1
885 1G. 1
024 15. 1
 OUTPUT
 OUTPUT
 11 610.
 L 19P.
 0.107637
0.1279333
1.279333
1.279466
2.2744505
0.306.76
1.631433
1.1476057
 0.
C.
 1. 1
 C.
C.
 0.0605024
 20. 1
25. 1
30. 1
 0.1176126
 C.
C.G439561
 0.1533934
 C.1475509
D.1947227
C.1947227
C.0 '02413
G.1757901
 29. 1
33. 1
39. 1
43. 1
48. 1
 0.
0.14C6593
0.1171347
0.C884Z17
0.C455928
 26. 1
 35. 1
40. 1
 0.1312594
 0.1230132
0.0345596
0.1090389
0.1437950
 45. 1
50. 1
 41. 1
 55.
 53. 1
58. 1
63. 1
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59. 1
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o.
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THIAS CHAYGES
 0.63935269
 LEVEL
 COMP.
e. C
 OUTPUT
 TPUT COMP.
C.4019729 0. 0
 OUTPUT
 com.
 COMP.
 OUTPUT
 OUTPUT
 LOHP.
 C.4597735
 1. 2
1 15
2 15
 2.00197
 ese 23 14PU1 H5
41RPS=0090U016C6C2
3.0664:777
 6.15976611
 0.11303696
 0.13515154
 r.rgaa3993
 MIAS T
 0.13615154
 45 +
 LEVEL 1
 COMP. 5.
 OUTPUT
 DUTPUT
 OUTPUT
 DUTPUT
 0.1191399
0.1591780
0.1591786
0.1178566
0.039691
 COMP.
 0.6190364
0.
0.0379363
 • · · · · ·
 C.1256576
 1. :
6. l
11. s
16. t
).:540603
 0.1173724
 10. 1
15. 1
 9. 1
13. 1
18. 1
 C.1 / 5e51
 0.154477+
 0.1000917
0.
0.1246274
 14.
19.
 0.1413265
0.1204266
0.1061626
 24. 1
29. 1
34. 1
 C.1453693
 22. 1
27. 1
 0.
0.1244487
0.0916554
0.1361507
 6.1328133
1.1353963
1.1374273
2.1354766
 30. 1
35. 1
40. 1
45. 1
 5.1971474
 (.
r.C466353
 6.1090520
 0.
0.0940489
0.1256361
 33. 1
 0.
0.1110799
 31. 1
 39. 1
44. 1
49. 1
 0.
0.1580453
 37. 1
42. 1
 0.1030507
 50. 1
55. 1
 0-1179637
 C.1169864
 44.
 7.1521503
 54. 1
59. 1
64. 1
69. 1
 52. 1
57. 1
67. 1
 51. 1 7. 52. 1 C

56. 1 7.1231349 57. 1 0

61. 1 7..238262 67. 1 0

66. 1 7..268027 67. 1 0

71. 1 8. 442905 72. 1 0

2 UUTPUT OUT OF RAYSE, YES BIAS =

CONTROL C.COGC 201

2 OUTPUT OUT OF RAYSE, YES BIAS =

CONTROL COTTO OF RAYSE, YES BIAS =

2 OUTPUT OUT OF RAYSE, YES BIAS =

CONTROL COTTO OF COTTO OF RAYSE, YES BIAS =

CONTROL COTTO OF COTTO
 66. 1
65. 1
79. 1
0. 0
 C.1019309
 0.
 0.
0.1329401
 4-
 0.1953775
0.195065#
0.0359939
 0.
C.5337605
 0.50000000
 LEVEL
 (.94356779
 LE VEL
 C. 72175433
 0.72178400
 4145 F
 ٠.
 45 =
 COMP. U.
 COMP. CUTPUT COMP.
2. 2 C.4700233 9. 0
 COMP. OUTPU'
 OUTPUT
 ロッチャリチ
 COMP.

1. 2

SUP YC. . 15

SUB YC. 2 IS
 Outeut
 0.4534432
0.45345
0.45702
 *** 24 | 1 PLT H5
 0.06944443
 31.59458424
 15.87701433
 7.94822937
 4.60893693
 2.63914070
 1.05429259
 2.56186853
 0.31565651
 0.19255051
 LEVEL
 C.25410351
 6.22332701
```

LEVEL 1 OUTPUT OUT OF MAJOF, NEW BIAS .

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13 BIAS CHANCES
 0.23071526
 0-00000000 ALAS -
 LEVEL 1
 #5 .
 co→.
 OUT PUT
 0.16C4227
0.1123079
0.2442622
0.6401120
 0.1149014
0.1094002
0.098491
 0.0032139
 0.
0.:01%29
 0.1075376
 2. l
7. l
 0.
0.6953182
 0.C047741
 15. 1
 11. 1
 0.1027511
0.1001300
0.0003410
 0.1000730
 16. 1
21. 1
 17. 1
22. 1
 0.0412611
 0.0631404
0.
 0.
 0-1001130
 29. 1
 0.1016567
 34.
34.
 0.0913759
0.0029541
0.0052974
 0.0759414
 0.1103221
7.0976622
7.1429542
0.1400326
 32. 1
37. 1
 31. 1
 0.0927555
0.1009169
 0.0798470
 38. 1
 36. 1
43. 1
 45. 1
50. 1
55. 1
 6-0900047
G-0961040
 43. i
46. i
53. i
 6.1410349
 44. 1
49. 1
54. 1
59. 1
 0.0067197
0.1042724
0.0300539
 9.6927878
9.6306266
 0.1003527
 0.0207667
 0.
2.1126233
 52. 1
 c.
 44.
64.
 65. 1
76. 1
0. 0
 41. 1
 5.1192C12
 62. l
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0.1120055
 0.3 205124
 66. 1 0.1102712 67. 1
71. 1 7.0996562 77. 1
2 Output nut of RAVSE, Wid 81AS •
 LEVEL
 TO CONTROL - CON
 LEVEL
 0.7703(905
 0.43048810
 LEVEL
 3 6165 CHANGES
 v. 1
C:0491538 7: 2 G:27
C:64915
C:27426
 LEVEL
 BIAS .
 3.63044816
 O. C
 0- C
 3
.-ut 2009,
G.2742386 A
 COMP.
1. 2
 COMP. OUTPUT
 OUTPUT
 OUTPUT
 --- 25 | 19PUT HE
414PS-0000000UCNC1
 INPENTIFICATION CORRECT
NEVES-09000000014 INC
 140107-930000000000
 1 DUTPLT OUT OF RANGE, NEW BIAS .
CONTROL-CONCIGORCOOL
1 DUTPUT OUT OF RANGE, NEW BIAS .
 FEAEL
 -0.41630593
 -0.91534971
 LEVEL
 -1.41439359
 -1-16487165
 -1.04031049
 -1.1624 7116
 & BIAS CHAIGES
 LEVEL 1 MS .
 (.05093399
 -1.10249116
 BIAS .
 COMP.
 OUTPUT
 com.
 OUTPUT
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 OUTPUT
 2. 1
7. 1
12. 1
17. 1
22. 1
27. 1
32. 1
 3. 1
8. 1
13. 1
18. 1
23. 1
28. 1
33. 1
34. 1
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5.
5.3597272
 0.4024485
 1. 1
 14. 1
19. :
24. 1
 0.4536127
 0.1653848
 11. 1
 c.
 15. 1
 :6. i
 20. 1
25. 1
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c.
c.
c.
 0.2001687
 29. 1
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 3G. 1
 3.4152932
2.4635210
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0.1202519
 ō.
 35.
 40. I
45, 1
 0.1664339
 41. I
 44.
 49. 1
54. 1
59. 1
 50. I
 0.
0.7890350
 0.1671785
 59. 1
 60. 1
 57. 1
 0.
 0.6522984
 9.2109866
C.
 45. 1
70. 1
0. J
 0.1038017
 66. :
71. 1
LEVEL 2 DUTPUT OUT OF PANGE, NEW HITE
LEVEL 2 DUTPUT OUT OF RANGE, NEW BIAS =
CONTROL = 200C200C0C3
A RAS CHANGES
 LEVEL ..
 0.19296830
 0.36593662
 LEVEL 2 MS .
 BIAS .
 0.36593662
 c.
 COMP. OUTPUT
1. 2 1.0000090
SUM NC. 1 IS 1.00004
SUM NC. 2 IS 0.10737
 COMP. DUTPUT COMP.
2.2 C.0873656 0.0
 COMP. OUTPUT
 0. 0 0.
 | IDENTIFICATION | INCORRECT. | NCYCS=0000000013 | INDICT=00000000001
 6V 1U9VI 65 ***
 1 OUTPLY OUT OF RANGE, NEW BIAS .
LEVEL
 -C.39062081
 -1.28217505
 -1.C5678651
 -0.94409223
 -1.00043436
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4 4145 CHANGES
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 MS =
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 IDENTIFICATION INCORRECT.
 INPLT H2
 30
 NEW G-WEIGHTS FATM RESULT OF INPUT 30
 COMPONENT 1. 1 3-WEIGHTS
 0.51335144
0.50244141
-0.57C32776
0.60273743
0.55952454
 0.50183105
-C.24980164
-C.56823730
C.57199097
C.21507263
-O.48355103
 0.43642744
 0.49748230
0.49737549
-0.55721936
 0.49525452
-0.56829834
-0.40692139
 ~(.56611:33
~(.51058960
 0.61320496
0.21307373
-C.53466797
 0.61065674
-0.49147034
-C.48355103
 0.61320496
-C.48G73755
 -0.48039755
 COMPCNENT 2. 1 G-WEIGHTS
 0.56304932
C.47969055
-C.53332520
U.47956848
0.50325012
 0.53558350
-0.49746704
-C.44299316
0.71061707
0.73429871
 0,46832703
-0.51284790
-0.48709106
0.71061707
 0.46502696
 C.49621582
 0.48374939
-0.50377217
-0.56106367
-0.41777039
-0.59127408
-0.36022349
 -C.45532227
C.25643921
O.186721'0
-O.36022749
```

-G.36022949

-0.36022949

-C.72280884 -O.88414001

| COMPONENT 3. I             | G-BEIGHTS                               |                                       |                                             |                                              |
|----------------------------|-----------------------------------------|---------------------------------------|---------------------------------------------|----------------------------------------------|
| C.54512:24                 | 0.50578308                              | 0.46414429                            | 0.52990723                                  | 0.41999017                                   |
| 6.54241700                 | 0.53364563                              | 0.51705270                            | -0.47077942                                 | -0.4626438<br>-0.44313047                    |
| -0.46923224                | -0.46490479                             | -0.54003252                           | -0.67386292<br>0.825607 <i>1</i> 0          | 0-20750210                                   |
| -0.435307.73               | c.30e57849                              | G.82633972<br>G.26155 <del>09</del> 0 | 0.26228333                                  | -0.20492737                                  |
| 0.29631482                 | 0.93879700<br>-0.28492737               | -0.42729187                           | -0.47472676                                 | -C.28492737                                  |
| -0.94735718<br>-6.42779187 | -0.91821289                             | 0.                                    | ••                                          | 0.                                           |
| ·                          |                                         |                                       |                                             |                                              |
| COMPCHENT 4. 1             | G-KEIGHTS                               |                                       |                                             |                                              |
| 0.50071.13                 | J.48954773                              | 0.49401055                            | 0.50656120                                  | 0.50000052                                   |
| 9.47551392                 | Ç.49028015                              | 0.51469421                            | -0.52244548                                 | ~0.55378723<br><b>~0.4989628</b> 6           |
| -0.47015381                | -0.44433594                             | -0.51779175                           | -0.5067749 <del>0</del><br>0.49394224       | 0.51990237                                   |
| -C.4731182 <b>9</b>        | 0.51504517                              | C.34342651<br>O.47195~35              | 0.47195435                                  | -0.50517273                                  |
| 0.54640*27                 | 0,44357330<br>-0,480117 <b>8</b> C      | -0.56424194                           | -0.48313904                                 | -0,43011700                                  |
| -0.50P48369<br>-0.52938679 | -0.50948389                             | Ç.                                    | 0.                                          | ••                                           |
| -(1)20000                  |                                         |                                       |                                             |                                              |
| COMPENSAL 3. 1             | G-hEIGHTS                               |                                       |                                             |                                              |
| 2.46316528                 | J.45826721                              | 0.47044373                            | 0.47702626                                  | 0.70535278                                   |
| 0.45940999                 | G_49383545                              | C.47169495                            | -0.49154663                                 | -0.53276062                                  |
| -0.47393118                | -0.48426319                             | -0.53900146                           | -0.53451538                                 | -0.48462275<br>0.64636767                    |
| -0.45762634                | 0.76464844                              | 0.81488037                            | 0.<br>0.                                    | -0.54701233                                  |
| C.79369591                 | 0.81488937                              | 0.74348450<br>-0.59405518             | -0.54701233                                 | -0.52691650                                  |
| -0.52671650<br>-0.59405519 | -0.06982422<br>-0.59405518              | 0.                                    | 0.                                          | 0.                                           |
| -0.7344.33313              | - 0037403760                            | •                                     |                                             |                                              |
| COMPONENT 6.               | G-WEIGHTS                               |                                       |                                             |                                              |
| 3.59157342                 | 0.54078674                              | 0.45765177                            | 0.50013733                                  | 0.53410229                                   |
| 0.57345581                 | 5.41700745                              | 7.59273CT1                            | -0.48318481                                 | -0.63053 <b>09</b> 4<br>-0.52 <b>01540</b> 6 |
| -5.44474/92                | -0.53114319                             | -C-47238159                           | -0.443 <b>969</b> 73<br>0. <b>90988</b> 159 | -0.52015000<br>0.09536743                    |
| -C.4729766E                | 0.13276672                              | 0.63CJ9644<br>0.59564207              | 0.09536743                                  | -0.44915771                                  |
| 0.63039644                 | 0.9G988159<br>-G.40930176               | -0.16740254                           | -0.48236684                                 | -0.40930176                                  |
| -0.43236784<br>-0.63072735 | -0.96891785                             | c.                                    | 0.                                          | ••                                           |
|                            |                                         |                                       |                                             |                                              |
| COMPONENT 7.               | L G-VIIGHTS                             |                                       |                                             |                                              |
| C.632*9307                 | 0.61610413                              | 0.50146484                            | 0.43461607                                  | 0.43196106                                   |
| C.49482727                 | C.43484497                              | 0.43286133                            | -0.55984497                                 | -0.19172466                                  |
| -0.55551065                | -0.55801392                             | -C.55574613                           | -0.55932617                                 | -0.45974731<br>0.57247925                    |
| -0.55744824                | C.59510903                              | 0.57247925                            | 0.706251 <b>95</b><br>0.16522217            | -0.397293 <b>0</b> 9                         |
| C.7(825195                 | C.5951C#03                              | C.C8271790<br>-C.51045227             | -0.53309631                                 | -0.50242415                                  |
| -0.50242615<br>-0.51045227 | -0.51C45227<br>-0.5330 <del>9</del> 631 | -t.51t43221                           | 0.                                          | 0.                                           |
| -(1)(4)/2/                 | -0177307031                             |                                       |                                             |                                              |
| COMPCNENT &.               | G-AFIGHTS                               |                                       |                                             |                                              |
| r.50263613                 | 2.48582458                              | C.521 /7429                           | 0.49560547                                  | 0.50321940                                   |
| C.49758557                 | 0.47926331                              | C.51383972                            | -0.45159912                                 | -0.54553650                                  |
| -6.50847725                | -C.44624329                             | -0.44219971                           | -0.65CZ6 <b>8</b> 55                        | -0.47459412                                  |
| -0.46040344                | ¢.70601763                              | 0.62033061                            | 0.14746094                                  | 9.39627075                                   |
| C.1C681763                 | 0.14746094                              | 0.40065602                            | 0.87351990<br>-0.52694702                   | -0.43841553<br>-0.91924575                   |
| -(.52694702<br>-C.27293396 | -0.43841553<br>-0.43841553              | -0.43841553<br>0.                     | 0.                                          | 0.                                           |
| -(-21273370                | -0.47641777                             | •                                     |                                             |                                              |
| CONSCIENT 8"               | 1 G-KEIGHTS                             |                                       |                                             |                                              |
| C.35937354                 | 0.47060059                              | 0.51438904                            | 0.51327515                                  | 0.55023193                                   |
| (.54771423                 | 2.53309631                              | 0.48988342                            | -0.50119019                                 | -0.55491638                                  |
| -0.46405029                | -0.48843384                             | -C.49189758                           | -C.506423 <b>9</b> 5                        | -0.50189209                                  |
| -0.49644300                | C.60661316                              | 0-29078674                            | 0.40394592<br>0.78195190                    | 0.61053467<br>-0.50863647                    |
| 0.40374592                 | 0.50129700                              | 0.40902441<br>-(.61787415             | -c.715209\$6                                | -0.33329773                                  |
| -0.82444763<br>-0.33329773 | -G.33329773<br>-C.33329773              | 0.                                    | 0.                                          | 0.                                           |
| ( 0 3 3 2 6 7 1 7 3        |                                         | <b>-</b>                              | •                                           |                                              |
| COMPONENT 10.              | 1 G-WEIGHTS                             |                                       |                                             |                                              |
| (.49)17334                 | C.43234253                              | C.55940247                            | 0.45876712                                  | 0.63497925                                   |
| C.473192 34                | C.46305847                              | 0.46722412                            | -0.4939+226                                 | -0.58105469                                  |
| -0.5/914978                | -0.47230957                             | -0.48783975                           | -0.43817139                                 | -0.49409485                                  |
| -0.49298996                | 0.82136536                              | C.47122192                            | 0.17491150<br>0.17491150                    | 0.53959656<br>-0.44219971                    |
| C.52505493<br>-G.44219971  | G.82136536<br>-0.44219971               | G.47122192<br>-0.45674133             | -0.51054382                                 | -0.80485425                                  |
| -0.44219971                | -6.45674133                             | 0.                                    | 0.                                          | 0.                                           |
|                            |                                         |                                       |                                             |                                              |
| COMPONENT 11.              | 1 G-WEIGHTS                             |                                       |                                             |                                              |
| C.44418335                 | 0.43820190                              | 0.44644165                            | 0.43911743                                  | 0.44206238                                   |
| 0.43947683                 | 0.78079224                              | 0.56918335                            | -0.55981445<br>-0.56112145                  | -0.580535 <b>3</b> 9                         |
| -C.5/476307                | -C.57376099<br>0.6043 <sup>7</sup> 012  | -0.57188416<br>0.60143713             | 0.51174927                                  | 0.60437912                                   |
| -C.51797241<br>0.604310.2  | 0.53163452                              | 0.48593140                            | 0.                                          | -0.46606445                                  |
| -C •49·)35u45              | -C.59260559                             | -0.56503296                           | -0.46606445                                 | -0.46278381                                  |
| -0.49235645                | -0.46606445                             | 0.                                    | 0.                                          | 0.                                           |
| COMPONENT 12.              | 1 G-WEIGH S                             |                                       |                                             |                                              |
|                            |                                         |                                       | A 214441A*                                  |                                              |
| 0.50/253/0                 |                                         | 0.90491333<br>0.50277710              | 0.51303101<br>-0.51840210                   | 0.40940493<br>-0.54744221                    |
| 0.522^C317<br>-0.47215271  | 0.51980591<br>-:.51069478               | -0.49945068                           | -0.52003479                                 | -0.45963807                                  |
| -C.45084578                | G.50337219                              | 0.42706299                            | 0.57019643                                  | 0.35887146                                   |
| 0.49398123                 |                                         | 6.58193970                            | 0.49308123                                  | -0.42951 165                                 |
| -0.417755.3                | -6.64077759                             | -0.30582886                           | -0.42951965                                 | -0.50542466                                  |
| -0.641 77759               | -0.42951965                             | C.                                    | 0.                                          | 0.                                           |
|                            |                                         |                                       |                                             |                                              |

| CONFERENT 13. 1                                     | G-10E19HT3                                  |                                            |                                                       |                                              |
|-----------------------------------------------------|---------------------------------------------|--------------------------------------------|-------------------------------------------------------|----------------------------------------------|
| 8.43988427                                          | 0.44743347                                  | 6.45404053                                 | 0.5470444                                             |                                              |
| 0.95493141                                          | 0.43013000                                  | 0.59454907                                 | <b>0.56724540</b><br>- <b>0.55182539</b>              | 9.55399730<br>-8.46987943                    |
| -0.44729237<br>-0.47400431                          | -0.53120052<br>0.23562422                   | -0.44366455<br>0.86584473                  | -6.44882282<br>6.45941142                             | -0.41351013<br>0.23542422                    |
| 6.64209933<br>-0.4979905                            | 0.84904473<br>-0.92178345                   | 6.45941162                                 | 0.29562622                                            | -0.27156494                                  |
| -6.29154494                                         | -0.29154494                                 | -0.5153 <b>503</b> 4<br><b>0.</b>          | -0.29156494<br>0.                                     | -0.49799005<br>0.                            |
| COMPCHENT 14. 1                                     | G-WELGITS                                   |                                            |                                                       |                                              |
| 0.46763611                                          | 0.49754333                                  | C.44305293                                 | 0-75503191                                            | 0.55040694                                   |
| #.37799672<br>-C.54312134                           | 0.55082~83<br>-6.4484.155                   | 0.52788151<br><b>-0.556476</b> 07          | -0.47550964<br>-0.44054736                            | -0.53076172<br>-0.45265190                   |
| -0.54968262                                         | 0.20707006                                  | 0.35791016                                 | 0.61964417                                            | 9. 99930176                                  |
| C.34658710<br>-0.57618713                           | C.63143921<br>-6.26657532                   | 0 <b>.56059</b> 265<br><b>-0.206</b> 57532 | <b>0.</b> 287475 <del>59</del><br><b>-0.</b> 83110046 | - <b>0.06953735</b><br>- <b>0.</b> 57618713  |
| -0.28657532                                         | -0.20657532                                 | c.                                         | 6.                                                    | 0.                                           |
| COMPONENT 15. 1                                     | G-WEIGHTS                                   |                                            |                                                       |                                              |
| C.44325562<br>C.48779979                            | <b>0.4892</b> 57d1<br><b>0.440525</b> 51    | 0.55027332<br><b>6.50639</b> 343           | <b>0.50038147</b><br><b>-0.38789348</b>               | 0.50337219                                   |
| -0.51313702                                         | -0.51873779                                 | -0.51965332                                | -0.52313232                                           | -0.50737741<br>-0.517 <b>0</b> 2061          |
| - <b>9.510</b> 253 <b>71</b><br>C. <b>577</b> 97668 | 0.44192505<br>0.49476424                    | 0.40504456<br>0.40504456                   | <b>0.38720703</b><br><b>0.6348</b> 5718               | 0.43244429<br>-0.50927734                    |
| -C.4569702 <u>1</u><br>-0.546691 <i>8</i> 9         | -0.54449189<br>-0.54452942                  | -0.56452942<br>0.                          | -0.35375977<br>0.                                     | -0.45697021<br>0.                            |
| COMPONENT 16. 1                                     | C-WEIGHT'S                                  | •••                                        | <b></b>                                               | <b>0.</b>                                    |
| 0.49956195                                          | 0.52442822                                  | 0.42927551                                 | 0.44157410                                            | A 4344044                                    |
| 0.53775024                                          | 0.55332947                                  | 0.54760742                                 | -0.44759033                                           | 0.47402934<br>-0.49736023                    |
| -G.51132202<br>-0.52275065                          | -0.47 <b>979</b> 736<br>0.614 <b>6</b> 5291 | -0.52590942<br>0.58920200                  | -0.45835076<br>0.13342205                             | -0.53423962<br>0.58175659                    |
| 0.61485291                                          | 0.58920289                                  | 0.18173218                                 | 0.49435120                                            | -0.50942830                                  |
| -0.5170745 <b>0</b><br>-C.44311523                  | -0.5096285J<br>-U.50962830                  | -0-48397927<br>0-                          | -0.50962830<br>0.                                     | -0.5170745 <b>8</b><br>0.                    |
| COMPCHEUT 17. 1                                     | G-WEIGHTS                                   |                                            |                                                       |                                              |
| C.53744507                                          | 0.49683167                                  | 0.45055713                                 | 0.53482056                                            | 0.53268433                                   |
| 0.46185466<br>-0.45294189                           | 0.45675659<br>-0.49172974                   | 0.53071594<br>~0.56294250                  | -0.52323914<br>-0.55854797                            | -0.46022034                                  |
| -0.48896790                                         | 0.35778809                                  | 0.78263455                                 | 0.35778809                                            | -0.46083069<br>0.7578T354                    |
| 0.60343933<br>-0.37057495                           | 0.40343933<br>-0.52500914                   | 0.35778AC9<br>-0.34583994                  | 0.17858887<br>-G.94985962                             | -0.345 <b>8099</b> 4<br>-0.345 <b>8099</b> 4 |
| -0.77066.40                                         | -0.34500774                                 | 0.                                         | 0.                                                    | 0.                                           |
| COMPONENT 16. 1                                     | G-WEIGHTS                                   |                                            |                                                       |                                              |
| 0.48718262<br>C.51420393                            | 0.492£3000<br>0.52154541                    | 0.52371216                                 | 0.44310486                                            | 0.49067688                                   |
| -0.42265320                                         | -0.52757263                                 | 0.52110291<br>-0.515151 <b>98</b>          | -0.49436951<br>-0.49435425                            | -0.49362183<br>-0.54711914                   |
| -0.505142 <i>2</i> 1<br>0.19102478                  | 0.73490906<br>0.52705343                    | 0.40858454<br>0.71333313                   | 0.76278687                                            | 0.43646240                                   |
| -0.45097546                                         | -0.41067505                                 | -0.31755066                                | 0.22499084<br>-0.64385986                             | -0.52540588<br>-0.88929749                   |
| -0.45097046                                         | -0.41067505                                 | <b>0.</b>                                  | 0.                                                    | 0.                                           |
| COMPONENT 19. 1                                     | G-MEIGHTS                                   |                                            |                                                       |                                              |
| C.50408736<br>O.44793701                            | 0.52272)34<br>0.51 <b>90</b> 1245           | 0.47509744<br>0.52 <del>0446</del> 78      | 0.48448181                                            | 0.52563477                                   |
| -C.51341240                                         | -0.48074341                                 | -0.40135376                                | -0.55540466<br>-0.48437500                            | -0.48440552<br>-0.48097229                   |
| -0.51891409<br>C.62699735                           | 0.33349609<br>0.65016174                    | 0.66891479<br>0.36524963°                  | 0.66891479<br>0.33349609                              | 0.35224915<br>-0.44972229                    |
| -C.41796475<br>-O.72436523                          | -6.40771484                                 | -0.69261169                                | -0.44972229                                           | -0.40771484                                  |
| COMPONENT 20. 1                                     | -0.44972229<br>G-WEIGHTS                    | 0.                                         | 0.                                                    | 0.                                           |
| G.53492737                                          | 0.45233154                                  | A 44*****                                  | A #40551115                                           |                                              |
| 0.53997863                                          | 0.52883911                                  | 0.46737671<br>0.43638611                   | 0.50952148<br>-0.48992920                             | 0.53004456<br>-0.51623535                    |
| -0.35281372<br>-0.5345C693                          | -0.48565674<br>0.55883367                   | -0.50517273<br>0.69853210                  | -0.59030151<br>0.49053210                             | -0.52525330                                  |
| 0.50500468                                          | 0.62022400                                  | 0.32644653                                 | 0.21122742                                            | 0.30032532<br>-0.38240051                    |
| -0.40482983<br>-0.81579590                          | -0.70060730<br>-6.52201843                  | -0.34240051<br>C.                          | -0.36240G51<br>0.                                     | -0.40 <b>682983</b><br>0.                    |
| COMPONENT 21. 1                                     | G-WEIGHTS                                   |                                            |                                                       |                                              |
| 0.44458842                                          | 0.53020070                                  | 0.47007312                                 | 0.44960022                                            | 0.54454358                                   |
| C.5214G808<br>-G.53068542                           | 0.49421692<br>-0.50314331                   | 0.47484877<br>-C.50515747                  | -0.49916077<br>-0.43582153                            | -0.49978638<br>-0.51284790                   |
| -0.51300049                                         | 0.60668745                                  | C.53936768                                 | 0.39741514                                            | 0.43054199                                   |
| 0.439147 <b>9</b> 5<br>-0.531 <b>38</b> 569         | 0.40495300<br>-0.53158569                   | 0.62438965<br>~0.49739075                  | 0.55706787<br>-0.35543823                             | -0.56471252<br>-0.42276001                   |
| -0.56471252                                         | -0.53158569                                 | C.                                         | 0.                                                    | 0.                                           |
| COMPONENT 22. 1                                     | G-WEIGHTS                                   |                                            |                                                       |                                              |
| C.47317505<br>O.52630615                            | 0.47456360<br>0.47317505                    | 0.47317505<br>C.49061584                   | 0.47317505<br>-0.45630891                             | 0.61544800                                   |
| -C.51299368                                         | -C.48358154                                 | -0.51289348                                | -0.51289368                                           | -0.49577332<br>-0.51289368                   |
| -0:51284348<br>0:38121333                           | 0.29391479<br>0.25959778                    | 0.59102739<br>0.55751030                   | 0.59182739<br>0.64450591                              | 0.67912292<br>-0.55262756                    |
| -C.55262156<br>-C.55262756                          | -0.55242756<br>-0.53262756                  | -0.63990784<br>0.                          | -0.34201050                                           | -0.25473022                                  |
|                                                     | -V+33686170                                 | ••                                         | 0.                                                    | 0.                                           |

. 15. . J. S. E.

| COMPONENT 23                      | - 1 | G-KEIGHTS                             |                                            |                                                   |                                             |
|-----------------------------------|-----|---------------------------------------|--------------------------------------------|---------------------------------------------------|---------------------------------------------|
| 0.44005.                          |     | 0.5/022288                            | 6.4931/0296                                | 0.90027466                                        | 6.49520903                                  |
| 6.497656<br>-0.4914 <i>1</i> 0    |     | 0.50926208<br>-C.49481201             | 0.51349204<br>-0.51574233                  | -0.50617981<br>-0.47456787                        | -0,46210645<br>-0,90009123                  |
| -0.512771<br>0.43711#             |     | G.46922302<br>O.49534607              | 0.46922302<br>0.57510005                   | <b>0.61878613</b><br><b>0.4499</b> 5337           | 0.40705945<br>-0.53760721                   |
| -0.4561 +2                        | 1   | -0.50558472                           | -G.50558472                                | -0.50550472                                       | -0.50930472                                 |
| -0.505584                         | 77  | -0-47769 3                            | 0.                                         | ••                                                | •.                                          |
| COMBUNENT SA                      | . 1 | g-weights                             |                                            |                                                   |                                             |
| 0.521316                          |     | 0.54222534                            | 0.55413818                                 | 0.30107117                                        | 0.54611633<br>-1.48121643                   |
| 9.546 <b>00</b> 4<br>-0.449249    |     | 0.56222534<br>-6.46253967             | G, 39236450<br>-0, 50054932                | -0.49709429<br>-0.45495605                        | -0-46306365                                 |
| -0.687544<br>0.836624             | -   | 2.27 <del>69</del> 6228<br>0.88839722 | 0.00639722<br>0.30316162                   | 0.30314162<br>0.25130155                          | 0.25130995<br>-0.30632262                   |
| -(.334472                         | •6  | -0.33447244                           | -0.92010490                                | -0.96919750                                       | -0.30632202                                 |
| -0.334472                         | 66  | -0.33447266                           | 0.                                         | ••                                                | ••                                          |
| COMPONENT 23                      | - 1 | ÷-weights                             |                                            |                                                   |                                             |
| 0.524783                          |     | 0.49153137                            | 0.30395203                                 | 0.49020306                                        | 4.50990515                                  |
| 0.489395<br>-0.52175 <del>9</del> |     | 0.48565674<br>-C.48583562             | G.50849915<br>-G.4777 <b>96</b> 46         | -0.49855042<br>-0.49682295                        | -9.49130249<br>-0.51390075                  |
| -0.524200                         | 44  | 0.55473210                            | 0.50634766                                 | 0.43031311                                        | 0.37384095                                  |
| C.556732<br>-C.443542             |     | 0.43C31311<br>-G.45G26487             | 0.57293701<br>-6.57672119                  | e.572937 <b>0</b> 8<br>-0.63386536                | -0.5006065<br>-0.45020667                   |
| -0.530686                         | 65  | -G.44354248                           | 0.                                         | 0.                                                | 6.                                          |
| COMPONENT 26                      | - 1 | G-WEIGHTS                             |                                            |                                                   |                                             |
| 0.521267                          | 72  | 0.5066809                             | 0.51208496                                 | 0.50904192                                        | G. 505828CA                                 |
| 0.498916<br>-0.499531             |     | 0.50274658<br>-C.50740051             | 0.44203184<br>-0.50679016                  | -0.48830444<br>-0.51232916                        | -0.49913025                                 |
| -C.504394                         | 53  | 0.40141133                            | 0.58706555                                 | 0.54039429                                        | -0.490947 <u>1</u> 4<br>0.57766724          |
| C.3726C4<br>-C.446624             |     | 0.56005159<br>~0.47529602             | 0.53136733<br>-0.45002307                  | <b>0.48635681</b><br><b>-0.6168365</b> 5          | -0.44662476<br>-0.43410750                  |
| -G.44 <b>6</b> 624                | 76  | -0.47529602                           | 6.                                         | 6.                                                | <b>6.</b>                                   |
| COMPCHENT 27                      | . i | S-YEISHTS                             |                                            |                                                   |                                             |
| C.419937                          | 13  | 0.42788696                            | 0.49549866                                 | 0.49264526                                        | 0.52476501                                  |
| C.469555<br>-0.49892.             |     | 0.48944092<br>-6.49012756             | 0.47938538                                 | -0.49444500                                       | -0.50039233                                 |
| -0.532987                         | 30  | 0.29255676                            | -0 <b>.5</b> 0573730<br><b>0.58876</b> 039 | -0.50231934<br>C.84877014                         | -0.46623230<br>6.52210999                   |
| 0.179069<br>-c.736372             |     | 0.58876938<br>-0.21295166             | 0.17008972<br>-0.53961182                  | <b>0.8179</b> 9316<br><b>-0.738</b> 2?2 <b>00</b> | -0.53961102<br>-0.53961102                  |
| -C-182174                         |     | -0.50883484                           | 0.                                         | 0.                                                | 9.                                          |
| COMPONENT Za.                     | . 1 | G-WEIGHTS                             |                                            |                                                   |                                             |
| 0.500883                          | 61  | 0.38415527                            | 0.49107341                                 | 0.44862793                                        | 0.43000101                                  |
| 0.541564                          |     | 0.49107341                            | G.49107361                                 | -0.48078918                                       | -0.50236511                                 |
| -0.497323(<br>-0.519973           | 75  | -0.47289884<br>C.50595093             | -0.52168274<br>0.23 <b>960</b> 876         | -0.497528 <b>06</b><br>0.544 <b>0</b> 4558        | -0.50465120<br>0.61110774                   |
| 0.527033(<br>-C.162979)           |     | 0.26071167<br>~v.71345520             | 0.56394958<br>-0.42932129                  | 0.546157 <b>0</b> 4<br>-0.71345520                | -0.49235229<br>-0.42932129                  |
| -C.42932:                         | 27  | -0.42932129                           | G.                                         | 0.                                                | 0.                                          |
| COMPONENT 29.                     | . 1 | G-KEIGHTS                             |                                            |                                                   |                                             |
| 0, 5590333                        | 57  | 0.51062012                            | 0.50645283                                 | 0.51244954                                        | 0.40689270                                  |
| C-482131                          | 76  | 0.47547913                            | 0.47476196                                 | -0.47544861                                       | -0.52409253                                 |
| -0.5262241<br>-0.4824790          | 64  | -C.49682617<br>0.46360779             | -0.48983765<br>0.30271912                  | -0.49453735<br>0.53540039                         | -0.50737 <b>000</b><br>0.6424 <b>8</b> 657  |
| 0.3220523<br>-0.4555579           |     | C.48159790<br>-0.45565796             | 0.57219933<br>-0.50611768                  | 0.47927551                                        | -0.49012756                                 |
| -0.455457                         |     | -0.45565796                           | 0.                                         | -6.649 <b>3063</b> 5<br>0.                        | -0.50946045<br>C.                           |
| COMPONENT 30.                     | . 1 | G-WEIGHTS                             |                                            |                                                   |                                             |
| 0.4620363                         |     | 0.45173645                            | 0.81024170                                 | A 45341142                                        | A 440004                                    |
| C.4660146                         | 68  | 6.44398499                            | C.46870422                                 | 0.45703125<br>-0.575393 <b>66</b>                 | 0.43 <b>9</b> 37683<br><b>-</b> 0.50323376  |
| -0.5075683<br>-0.565933           |     | -0.2330474 <del>9</del><br>C.31069946 | -0.53939664<br>0.                          | -0.49752 <b>808</b><br>0.66181946                 | -0.57521057<br>0.44519043                   |
| G.4416503<br>-G.348892            |     | 0.66181946                            | 9.91335449                                 | 0.66535950                                        | -0.72590267                                 |
| -0.4999CR1                        |     | -0.30260925                           | -0.72238159<br>C.                          | -0.50260925<br>0.                                 | -0.34 <b>889</b> 221<br>0.                  |
| COMPGNENT 31.                     | . 1 | G-WEIGHTS                             |                                            |                                                   |                                             |
| 0.5013580                         | - 1 | 0.52544492                            | A #3AF441A                                 |                                                   | • • • • • • • • • • • • • • • • • • • •     |
| 0.4776916                         | 55  | 0.53533936                            | 0.53054810<br>C.52326965                   | 0.43634033<br>-0.52262878                         | 0.44925354<br>-0.52311797                   |
| -0.521392 <i>6</i><br>-0.5412962  |     | -0.36512756<br>0.35043335             | -0.46221924<br>0.57394409                  | -0.50125122<br>0.57394409                         | -0.56211053<br>0.53935242                   |
| 0.5716095                         | 50  | 0.38269043                            | 0.40919495                                 | 0.59611401                                        | -0.13145447                                 |
| -0.3203582<br>-0.5532531          |     | -0.55540303<br>-0.55325317            | -0.744506 <b>8</b> 4<br>(•                 | -0.55325317<br>0.                                 | -0.58764485<br>0.                           |
| COMPONENT 32.                     | . 1 | G-WEIGHTS                             |                                            |                                                   |                                             |
| 0.5017099                         |     | 0.47512817                            | 0.47930908                                 | A 17001231                                        | A 8014100-                                  |
| 0.4807570                         | )3  | 0.51080322                            | 0.47573853                                 | 0.47 <b>996</b> 521<br>-0.52 <b>99</b> 8352       | 0.574 <b>0</b> 4734<br>-0.44 <b>5</b> 47871 |
| -0.5315246<br>-0.5310054          |     | -0.51742390<br>0.34031677             | -0.41465759<br>0.38647351                  | -0.53420911<br>0.54553490                         | -0.49296570<br>0.56713867                   |
| 0.5035765                         | 56  | 0.50196838                            | 0.54553450                                 | 0.56713867                                        | -0.38446345                                 |
| -0.5493164<br>-0.5493164          |     | -0.46414612<br>-0,48574829            | -0.49955750<br>0.                          | <b>-0.54771423</b><br>0•                          | -0.49953750<br>0.                           |
|                                   |     |                                       | -                                          | - <del>-</del>                                    |                                             |

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| COMPONENT 37. 1                            | Configura                                          |                                            |                                              |                                        |
|--------------------------------------------|----------------------------------------------------|--------------------------------------------|----------------------------------------------|----------------------------------------|
|                                            | -                                                  | 0.47076240                                 | 0.51671147                                   | 0.49761963                             |
| 0.49713939<br>0.49945Ca8                   | 0.47/19063<br>0.59134277                           | 0.49757385                                 | -0,51606096                                  | -0.50132751                            |
| -0, 68/39626<br>-6,91539586                | -0.51404570<br>0.42175129                          | -0.51696777<br>C.41873169                  | -0.42850007<br>G.44834 <b>700</b>            | -0.51643372<br>0.58956 <b>10</b> 9     |
| <b>8,496</b> 73442                         | 0.50634749                                         | 0.50956404                                 | 0,44034906                                   | -0.52355957<br>-0.52677917             |
| -0.52677917<br>-6.49714167                 | -0.497 <u>1</u> 6187<br>-C.52677917                | -0.4971418?<br>C.                          | -8.40432719<br>6.                            | -0.320117L1<br>0.                      |
| •••                                        | G-VEIGHTS                                          |                                            |                                              |                                        |
|                                            |                                                    | 4 43344334                                 | 0.54661290                                   | 0.50242415                             |
| C.565) 9799<br>0.4467342 <b>9</b>          | C.46003723<br>0.51315300                           | (.52345276<br><b>0.4872</b> 4365           | -0.49671826                                  | -0.51097107                            |
| -0.50637706                                | -6,49539105<br>0.55247476                          | -0.46292114<br><b>0.</b> 7172 <b>0</b> 606 | -0.52392578<br>0.51539612                    | -8.47549866<br>0.44781496              |
| -0.50321960<br>C.47186279                  | 0.47296143                                         | 0-16427138                                 | 0.45713501                                   | -0.49227905                            |
| -0.45415156<br>-0.55964;23                 | -0,49227905<br>-0,76275635                         | -0.4 <i>3</i> 536968<br>6.                 | -0.29 <del>04</del> 5105<br>0.               | -9.49227905<br>9.                      |
| COMPONENT 35. 1                            | G-WEIGHTS                                          |                                            |                                              |                                        |
| 6,47419649                                 | 0.4*041746                                         | 0.49291 792                                | 0.49044910                                   | 0.47520447                             |
| 0.48429605                                 | 0.47472943                                         | G.41212158                                 | -0.48712158<br>-0.51640320                   | -0.50697327<br>-6.52255249             |
| <b>-0.504</b> 92749<br><b>-0.5</b> 6923157 | -0.52244.094<br>0.74>x0645                         | -0.42791748<br>6.                          | 0.67512207                                   | 0.87512207                             |
| 0.<br>-0.54071045                          | <b>0.749986</b> 45<br><b>-0.5</b> 4471 <b>0</b> 45 | 6.<br>6.                                   | <b>0.7499004</b> 5<br><b>-0.54</b> 071045    | -0.5G317303<br>-0.62486267             |
| -6.62496267                                | -0.62486267                                        | <b>0.</b>                                  | 0.                                           | 0.                                     |
| COMPENENT 36. 1                            | G-WEIGHTS                                          |                                            |                                              |                                        |
| C.38259534                                 | 6.43191528                                         | 1.00000000                                 | 0.40957642                                   | 0.52067402                             |
| C.42559014<br>-C.52549C54                  | 0.41134644<br>-0.53130733                          | 0.42849755<br>-0.53001404                  | -0.531 <b>89087</b><br>-C.38246155           | -0.30656763<br>-c.57402039             |
| -0.6234436G                                | 0.42966614                                         | 0.13400159                                 | 0.15541077                                   | 0.84907532                             |
| 0.82966614<br>-C.53099L60                  | 0.23733521<br>-v.53099360                          | 6.15541077<br>6.                           | 0.89717468<br>-0.63261414                    | -0.63261414<br>-0.53 <b>0770</b> 60    |
| -0.53098:60                                | -0.41070251                                        | o.                                         | G.                                           | 0.                                     |
| COMPONENT 37. 1                            | G-WEIGHTS                                          |                                            |                                              |                                        |
| C.566#4975                                 | C.56472778                                         | C.58250427                                 | G.42498779                                   | 0.48046875                             |
| C.59095764                                 | 0.45579365<br>-6.50131226                          | C.33277993<br>-C.52 <b>809</b> 143         | -0.448226 <b>93</b><br>-c.54180 <b>90</b> 8  | -0.51097107<br>-0.47128296             |
| -C.445877C8<br>-0.55163574                 | 0.61050110                                         | G.64796448                                 | 0.35103716                                   | 0.64796448                             |
| 0.1893C054<br>≈(.54251C99                  | 0.35183716<br>-C.83859253                          | 0.18933654<br>-0.37995911                  | G.8105011C<br>-0.23847961                    | -0.23847961<br>-0.54251099             |
| -G.83859253                                | -0.37995911                                        | 6.                                         | 0.                                           | 0.                                     |
| COMPONENT 35. 1                            | G-WEIGHTS                                          |                                            |                                              |                                        |
| 9.53350830                                 | 0.46186529                                         | G.56347656                                 | 6.46184829                                   | 0.48246765                             |
| G.48211670<br>-C.49093127                  | 0.46186929<br>-C.490C5127                          | 0.55250549<br>-C.48913574                  | -G.45987756<br>-0.4 <b>9</b> 450£ <b>8</b> 4 | -0.6426 <del>8494</del><br>-0.47097778 |
| -0.46333313                                | 0.36177117                                         | 6.63198353                                 | 0.43466187                                   | 0.43466187<br>-C.51647949              |
| C.30694520<br>-G.52756738                  | 0.63786316<br>~u.67002869                          | 0.77146912<br>-0.52236938                  | 5.48C97229<br>-0.52236938                    | -0.26150757                            |
| -0.52236738                                | -0.52234930                                        | 6.                                         | 0.                                           | 0.                                     |
| COMPONENT 39. 1                            | G-VEIGHTS                                          |                                            |                                              |                                        |
| 6.5/411387                                 | 0.50595093                                         | 0.50219201                                 | 0.48925781                                   | 0.51382446                             |
| 0.52775574<br>-C.34291921                  | 0.44593911<br>-0.52873230                          | 0.51031494<br>-0.52172552                  | -0.524932 <b>86</b><br>-0.51692200           | -0.52856445<br>-0.52378845             |
| -0.51202393                                | 0.42146301                                         | 0.56831360<br>C.37922668                   | 0.63781738<br>0.69421387                     | 0.36506653<br>-0.50022888              |
| 0.55831360<br>-:-53393282                  | 0.36576653<br>-0.56973267                          | -0.38064375                                | -0.31114197                                  | -0.50022888                            |
| -0.58389282                                | -0.56973267                                        | C•                                         | <b>C.</b>                                    | 0.                                     |
| COMPONENT 49. 1                            | G-WEIGHTS                                          |                                            | (C. Constitution of the second of the        |                                        |
| 0.50930786                                 | (.47196960<br>6.51407433                           | 0.48792720<br>C.48773083                   | 0.5014 <b>6484</b><br>-0.50709534            | 0.52516174<br>-0.5C187683              |
| G.49514771<br>-0.50143433                  | G.51907622<br>-J.5C2C1416                          | -6.44633494                                | -0.53684523                                  | -0.50201414                            |
| -0.50221416                                | G.48870950<br>G.5G889587                           | G.49692322<br>O.48570850                   | 0.571384 <b>2</b> 9<br>0.5214386C            | 0.50889587<br>-0.46080017              |
| -0.56 3246 58                              | -0.41098755                                        | -0.48698755                                | -0.48275757                                  | -0.56524 <b>6</b> 58<br>0.             |
| -0.48598755                                | -6.48275757                                        | <b>C</b> •                                 | 0.                                           | <b>v•</b>                              |
| COMPCHENT 41. 1                            |                                                    | (.48670959                                 | 0.50682397                                   | 0.53115845                             |
| 0.4994659 <del>4</del><br>0.45993342       | 0.51534560<br>0.49934387                           | U.50657654                                 | -0.47340820                                  | -0.51829529                            |
| -C.48316936<br>-C.52047729                 | -0.53315735<br>0.58305359                          | -0.46737671<br>u.58305357                  | -0.48367310<br>0.45640564                    | -0.43987793<br>C.35119629              |
| C.53837841                                 | 0.46173096                                         | 0.35652161                                 | G.61894226                                   | -G.42346191<br>-Q.55010986             |
| -5.42346191<br>-0.55512986                 | -0.55010986<br>-0.65533447                         | -0.42346171<br>C.                          | -0.42346171<br>C.                            | A.<br>-A. 22377A488                    |
|                                            |                                                    |                                            |                                              |                                        |
| COMPCNENT 42. 1                            |                                                    | f E100E2EA                                 | 0.50451660                                   | 0.45747375                             |
| 0.47715759<br>0.50721741                   | 0.47982788<br>0.53327942                           | C.51995450<br>O.51995450                   | -0.47120667                                  | -0.47752330                            |
| -0.48477173                                | -0.48622131<br>0.56469727                          | -0.52296448<br>C.65629052                  | -0.50184631<br>0.65628052                    | -0.53425598<br>0.26989746              |
| -0.52075618<br>C.56449727                  | 0.65629052                                         | C.36143071                                 | 0.26989746                                   | -0.68666077                            |
| -0.39187148<br>-0.39189148                 | -C.39189148<br>-O.45347473                         | -0.77924402<br>0.                          | -0.48347473<br>0.                            | -0.39189148<br>C.                      |
| -4 43470 47 40                             |                                                    | -                                          |                                              |                                        |

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| COMPONENT 47. 1                             | G-BEIGHTS                                    |                            |                                            |                                          |
|---------------------------------------------|----------------------------------------------|----------------------------|--------------------------------------------|------------------------------------------|
| 9.57728577                                  | 0.4324444                                    | C.44757L                   | 6.41696167                                 | 0.03227005<br>-0.51362773                |
| (.415725 <b>7)</b><br>- <b>C.50566307</b>   | 0.4450313C<br>-0.47285007                    | C-4309002.<br>-6.51811218  | -0.50010601<br>-0.48646545                 | -0.53424672                              |
| -2.44732666                                 | C.63977051                                   | 0.63977051                 | 0.58755493                                 | 0.44999985                               |
| C.41737276<br>-C.43793776                   | C.63374329<br>-v.64461245                    | 6.63374329<br>-0.52177429  | 0.<br>-0.43795776                          | -0,43795776<br>-0,43795776               |
| -(.64401245                                 | -0.43775776                                  | 0.                         | ••                                         | •                                        |
| COMPRISENT 44. 1                            | G-WEIGHTS                                    |                            |                                            |                                          |
| A 5:461233                                  | 0.49+95422                                   | 0.48054504                 | 8,47348620                                 | 0.40005017                               |
| 0.514(1733<br>0.44252314                    | 0.51905354                                   | 6.51853943                 | -0.5051422                                 | -0.47046787                              |
| -0.41910750<br>-0.48565674                  | -3.51567078<br>C.58290743                    | -6.48295593<br>C.34722960  | -0.53414917<br><b>0.688459</b> 47          | -0.49650283<br>0.59132305                |
| C.33574341                                  | 6.45216370                                   | 0.53938293                 | 0.52224731                                 | -0.66346347                              |
| -c.51955775<br>-:.43175:71                  | -(.43135371<br>-2.44 <b>8</b> 48 <b>4</b> 33 | -6.44 <b>94543</b> 3<br>G. | -0.60106677<br>0.                          | -0.43135071<br>6.                        |
|                                             |                                              | •                          | •                                          | •                                        |
| COMPONET 45. 1                              | G-u:16HTS                                    |                            |                                            |                                          |
| C.5435C281                                  | 0.42866516                                   | 0.49500383                 | 6.49684143<br>-0.53025818                  | 8,46199067<br>-0,45227051                |
| -5.43641 <i>426</i><br>-5.43641 <i>4</i> 26 | 6.53315735<br>-0.44 <b>96</b> 3)74           | 0.51271357<br>-6.44174194  | -6°4 <b>404654</b>                         | -0.5245466                               |
| -0.64754775                                 | 0.36407465                                   | C. 32184493                | 0.73295593<br>0.23668335                   | 0.70036343                               |
| 0.2#2 99 950<br>-C.4.2506 IS                | 5.67075912<br>-0.63073425                    | c.79664978<br>-0.3966980   | -0.30001340                                | -0.39661000<br>-0.30001360               |
| -6.84654236                                 | -0.35449219                                  | <b>(.</b>                  | 9.                                         | ••                                       |
| COMPONENT 46. 1                             | Z-REICHTS                                    |                            |                                            |                                          |
| C.527771cC                                  | C.44903564                                   | C.55049133                 | C-5C782776                                 | 0.43057251                               |
| 5.45637729                                  | G.52255249                                   | C.53044128                 | -0.54533013                                | -0.40625103                              |
| -0.4551C742<br>-C.45832175                  | -6.474155 <b>88</b><br>U.70 <b>9</b> 45740   | -6.466C1969<br>(.24380493  | -0.53617859<br>0.67353821                  | -0.49763325<br>0.67353621                |
| 5.37005615                                  | e-490C5127                                   | G.45222160                 | C-10454921                                 | -0.46379333                              |
| -0.4(379533<br>-0.4:379333                  | -C.40379333<br>-v.707244 <b>6</b> 7          | -0.86943054<br>0.          | -0.40379333<br>0.                          | -0.46379333<br>C.                        |
| ***                                         |                                              |                            |                                            |                                          |
| COMPONENT 41. 1                             | G-KEIGHTS                                    |                            |                                            |                                          |
| 0.52011.08                                  | 0.51718140                                   | 0.51139632                 | 0.52297974<br>-0.58773621                  | <b>0.44937134</b><br><b>-0.4669</b> 5237 |
| C.42767699<br>-0.57239199                   | C.49629211<br>-3.51292419                    | C.49420166<br>-C.47991943  | -0-49433899                                | -0.51710510                              |
| -C.496*5151                                 | G.31488C37<br>0.43341G64                     | C-43341964<br>D-57766724   | 0.59269714<br>G.63563530                   | 0.57766724<br>-0.43100647                |
| C.433914.4<br>-C.73444:C2                   | -C-414C7776                                  | -0.42912292                | -0.41487776                                | -0.57207590                              |
| -0.57336426                                 | -6.42912292                                  | c.                         | e.                                         | ••                                       |
| COMPONENT 40. 1                             | G-aFIGHTS                                    |                            |                                            |                                          |
| C.49399611                                  | C.51687622                                   | C.44598389                 | 0.51649475                                 | 0.50140400                               |
| 0.50326538                                  | 0.51341248                                   | U-42283579                 | -G. 51501465                               | -0.56564167<br>-0.56356766               |
| -0.16754150<br>-0.47485352                  | -5.64250183<br>(.17419434                    | -C.54629517<br>0.56033325  | -0.52386475<br>0.50187483                  | 0.54633325                               |
| G. 94(7)486                                 | 0.52746582<br>-2.42176919                    | 0.147C6421<br>-0.77659091  | 0.58746338<br>-0.36328125                  | -0.39619446<br>-0.42176819               |
| -C.42176517<br>-C.42176319                  | -6.77658081                                  | C.                         | 0.                                         | 0.                                       |
| COMPONENT 49. 1                             | G-WEIGHTS                                    |                            |                                            |                                          |
|                                             |                                              |                            |                                            |                                          |
| r.43773.63<br>n.31921/82                    | 0.50512695<br>0.52111816                     | 0.52040100<br>0.51383972   | 0.39071455<br>-0.52207947                  | 0.53909302<br>-0.46525574                |
| -0.53094492                                 | -C.51779175                                  | -C.51347351                | -0.52142334                                | -6.46322632                              |
| -0.46498153<br>0.325C2747                   | 6.465C7263<br>6.79040527                     | 6.1C414124<br>0.82022095   | 0.227 <b>0</b> 0500<br>0.42 <b>948</b> 914 | 0.83866779<br>-0.39815196                |
| -0.36035156                                 | -0.87383981                                  | -0.75097656                | -0.39015190                                | -0.36035156                              |
| -0.36°33.36                                 | -(.51298523                                  | c.                         | 0.                                         | •.                                       |
| COMPANIENT SU. 1                            | G-WEEGHTS                                    |                            |                                            |                                          |
| 0.49833579                                  | C.53851319                                   | 0.51458740                 | 0.48274231                                 | 0,45390320                               |
| 0.53892517<br>-9.47909546                   | 0.53065613<br>-0.54222107                    | 0.47164917<br>-C.47079468  | -0.54426101<br>-0.48631267                 | -0.46191833<br>-0.51011218               |
| -0.47662354                                 | C.45761108                                   | 0.66705322                 | G.66705322                                 | 0.39347839                               |
| C.30296509<br>-G.36053467                   | C.638C4526<br>-0.63410950                    | C.35395413<br>-0.36053467  | 0.43911743<br>-0.36053467                  | -0, 64462280<br>-0, 3605344 }            |
| -0.6341 0750                                | -3.64462280                                  | <b>6.</b>                  | 0.                                         | 0.                                       |
| COMPENENT 51. 1                             | G-REIGHTS                                    |                            |                                            |                                          |
|                                             |                                              | 0. 1011.2018               | 0.4000040                                  | 0 40004917                               |
| 0.5556C3C3<br>0.46835127                    | 0.50563947<br>0.47657776                     | 0.30563049                 | 0.40889140<br>-0.53291321                  | 0.49334717<br>-0.440 <b>6</b> 6121       |
| -0.54631372<br>-0.51564026                  | -0.49579857<br>;.41578674                    | -0.40768433<br>C.64434814  | -0.53067017<br>0.55857849                  | -0.51564026<br>0.41578674                |
| C.41573674                                  | 0.55857849                                   | 0.33001709                 | 0.66088867                                 | -0.58213806                              |
| -2.47636841<br>-0.47636841                  | -0.49636 <b>8</b> 41<br>-0.49636941          | -G.35359192<br>G.          | -0.5821300 <del>6</del><br>0.              | -0.49 <b>6368</b> 41<br>0.               |
|                                             |                                              | <b>7</b>                   |                                            |                                          |
| COMPONENT 52. 1                             | G-WEIGHTS                                    |                            |                                            |                                          |
| 0.40315247                                  | L.53862427                                   | 0.50904846                 | 0.40527344                                 | 0.53019714                               |
| 0.53247070<br>-0.45043445                   | C.49363708<br>-0.46781921                    | C.566925C5<br>-0.58009338  | -0.45825195<br>-0.55731201                 | -0.56101990<br>-0.472 <b>93</b> 064      |
| -0.45233154                                 | U.37481689<br>J.79467773                     | 0.25152588<br>6.33245850   | C.8308664<br>0.80082703                    | 0.34044740<br>-0.35354614                |
| C.24537659<br>-0.35354614                   | -0.81579590                                  | -0.47683716                | -0.35354614                                | -0.35354614                              |
| -0.81579590                                 | -C.47683716                                  | C.                         | 0.                                         | 0.                                       |
|                                             |                                              |                            |                                            |                                          |

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| COMPCHENT 53. 1                             | G-uelants                                |                                                     |                                           |                                              |
|---------------------------------------------|------------------------------------------|-----------------------------------------------------|-------------------------------------------|----------------------------------------------|
| 0.51003509                                  | C.49798506                               | 0-49624963                                          | 0.49737549                                | 8.50003404                                   |
| 0.90670479<br>-0.94294194                   | 6.47270486<br>-G.47471246                | 0.40018970<br>-6.52418009                           | -0.45410646<br>-0.46970032                | -0.40429071                                  |
| -0.40374775<br>0.32446186                   | 8.61499425                               | 9-61799425                                          | 9.27420044                                | -0.544[74]9<br>0.37004770                    |
| -0,4074622                                  | 0.54042400<br>-0.40070622                | 0-42540645<br>-G. 70000781                          | 0.40421272<br>-0.75367573                 | -9.4 <b>P40600</b> 6<br>-0.464 <b>7902</b> 2 |
| -C.406 19822                                | -6.43819214                              | ••                                                  | 6.                                        | 9.                                           |
| COMPONENT SA. 1                             | G-WEIGHTS                                |                                                     |                                           |                                              |
| 4.46222351                                  | 0.53204000                               | 0.54901343                                          | 0.50010295                                | 0-40222331                                   |
| 9,48307146<br>-9,567736;1                   | 6,47383772<br>-q.50942993                | 0.40437 <b>500</b><br>- <b>C.502</b> 41 <b>00</b> 9 | -0.45677515                               | -0.50767517                                  |
| -0.50004130                                 | 0.02523004                               | 0.74362183                                          | -0.50770569<br>0.77050781                 | -0.50502004<br>0.52105713                    |
| 6.47661318<br>-0.50166400                   | 0.76774597<br>-0.56323242                | 0,47325124<br>-0,2826003                            | 0.22241211<br>-0.54323242                 | -0.56360400<br>-0.31060420                   |
| -(.53515425                                 | -0.50166400                              | ••                                                  | 6.                                        | 9.                                           |
| COMPONENT 55. 1                             | .C-AEICHL?                               |                                                     |                                           |                                              |
| 0.5(242615                                  | C+4830172+                               | 0.44831948                                          | 0.52523004                                | 0.95274963                                   |
| -0.54129828<br>-0.56295994                  | 0.47473145<br>-8. <b>5061</b> 6345       | 0.47050476<br>-0.50907244                           | -0.45[4]402<br>-0.50[22070                | -0.56411907<br>-0.527 <b>02</b> 332          |
| -8.47549664<br>9.56343323                   | 0.37077332                               | 6.54370117                                          | C-43600648                                | 0.4445637                                    |
| -0.46667483                                 | 0.51017761<br>-6.37340938                | G.59009661<br>-G.56578435                           | <b>6.3986638</b><br><b>-0.71162415</b>    | -0.45420037<br>-0.50404275                   |
| -0.43428637                                 | -C.466674 <b>88</b>                      | <b>(.</b>                                           | 6.                                        | 0.                                           |
| COMPONENT 54. A                             | G-KEIGHTS                                |                                                     |                                           |                                              |
| 8.48274.41<br>6.44345247                    | 6.40001999                               | C-54714492                                          | 0.54510490                                | 0.49613953                                   |
| -0.52914429                                 | C.54516448<br>-C.54757561                | 0.43783569<br>-0.48681152                           | -0.45049609<br>-0.45573425                | -0.44232178<br>-0.44 <b>988</b> 284          |
| -C.46735746<br>G.74333191                   | <b>e.7662</b> 3374<br><b>0.7743</b> 6311 | 0.23415918                                          | G.24401.055                               | 0.36749260                                   |
| -0.34115601                                 | -6.34115401                              | 6-61704779<br>-0-49539105                           | <b>0.</b> 24401855<br><b>-0.</b> 87124634 | -0.74100232<br>-0.34115601                   |
| -6.49539245                                 | -9.37188721                              | 0.                                                  | 0.                                        | 0.                                           |
| COMPONENT 57. 1                             | G-WEIGHTS                                |                                                     |                                           |                                              |
| 6.48001099<br>6.46643330                    | 0.40001079                               | 0-48301 <del>999</del>                              | 0.47076416                                | 0.53932190                                   |
| -0.53641477                                 | 0.56343 <b>97</b> 9<br>-C.39289654       | 6.49946594<br>-C.48411540                           | -0.53848267<br>-0.53271484                | -C.53271484<br>-0.51414490                   |
| -G.47413635<br>0.67735291                   | 0.54649353<br>0.39373305                 | 0-63233948<br>C-30583191                            | 0.30790710                                | 0.57158696                                   |
| -9.54945746                                 | -C.54948796                              | -C.351654C5                                         | 9.54441833<br><b>-8.54948796</b>          | -0.26500011<br>-0.54760796                   |
| -0.34946796                                 | -6.63525391                              | 0.                                                  | 0.                                        | ••                                           |
| COMPCHENT 54. 1                             | G-bilghts                                |                                                     |                                           |                                              |
| 0.47949214<br>0.48675537                    | (.55319214<br>6.49519348                 | C-51635742                                          | 0.50401304                                | 0.48442678                                   |
| -0.5(998770                                 | -0.46303447                              | 0.48 <b>0</b> 19409<br>-0.50463867                  | -0.51640156<br>-0.51235962                | -0.51 <b>0</b> 33020<br>-0.50605774          |
| -0.4759474 <u>1</u><br>0.51687952           | 0.62922668<br>0.41207886                 | 0.39329529<br>0.3932 <del>9</del> 529               | 0.41953735<br>0.42922448                  | 0.41207886                                   |
| -6.58578328<br>-0.48716736                  | -0-48714734                              | -0.35003662                                         | -0.45869446                               | -0.45869446<br>-0.58598328                   |
|                                             | -0.58598328                              | с.                                                  | 0.                                        | 0.                                           |
| COMPONENT 57. 1                             | i-weights                                |                                                     |                                           |                                              |
| C25:1725<br>G.52558499                      | 0.42919922<br>G.51339722                 | C.500C0716<br>C.54371643                            | G.44555774                                | C-51162720                                   |
| -0.47151184                                 | -0.50457764                              | -0.56892395                                         | -0.47370911                               | -0.47834778<br>-0.57038879                   |
| -0.46775918<br>0.278701 <i>7</i> 9          | 0.65759277<br>0.56113096                 | 0.35516357<br>G. <b>38996</b> 179                   | 0.691390 <del>99</del><br>0.65759277      | 0.38894179<br>-0.80944350                    |
| -0.376759L3<br>-0.376757L3                  | -0.39675903<br>-0.39675903               | -9.49920349                                         | -0.39675903                               | -0.50701904                                  |
| COMPONENT 6(. 1                             | ***************************************  | ŷ.                                                  | 0.                                        | 7.                                           |
| 0.49885559                                  | G-HEIGHTS                                |                                                     |                                           |                                              |
| 0.50000072                                  | <b>0.498</b> 15369<br>0.50364521         | 6.52514648<br>C 48907471                            | 0.4 <b>9890686</b><br>-0.43250610         | 0.49456787<br>-0.52975464                    |
| -0.48477173<br>-0.52244568                  | -0.52812195<br>0.44800232                | -0.52757263<br>0.4790.442                           | -0.51946547                               | -0.47477722                                  |
| C-40756226                                  | 0.37344360                               | 0.58807795                                          | 0.6221466 <u>1</u><br>6.51351929          | 0.54763794<br>-C.59906006                    |
| -6.5355835C<br>-0.3955C781                  | -0.53862000<br>-0.53862000               | -0.53558350<br>0.                                   | -0.5355 <b>\$</b> 350                     | -0.32 <b>098389</b><br>0.                    |
| COMPONENT 61. 1                             | G-WEIGHTS                                |                                                     | •••                                       | <b>€</b> €                                   |
| C. 8464 3462                                | 0.46092224                               | 0.39274597                                          | 0.47216797                                | 0.45597839                                   |
| 0.47433575<br>-0.52714344                   | 0.44177246                               | 0.44086121                                          | -0.51861572                               | -0.51022339                                  |
| -0.48435974                                 | -0.51 <b>988</b> 22G<br>0.57707214       | -0.31200867<br>0.78959456                           | -0.51327515<br>0.81669617                 | -0.413 <b>80</b> 310<br>0.224 <b>9290</b> 1  |
| 0.57707214<br>-0.37846375                   | 0.78959656<br>-0.94636536                | 0.22492981<br>-0.40757751                           | 0.<br>-0.40757751                         | -0.40757751                                  |
| -0.63713574                                 | -0.40757751                              | C.                                                  | 0.                                        | -0.40757751<br>0.                            |
| COMPONENT 62. 1                             | G-WEIGHTS                                |                                                     |                                           |                                              |
| 0.51361084                                  | 0.50703430                               | 0.48735046                                          | 0.51361004                                | 0.49397278                                   |
| 0.42721558<br>- <b>C.496</b> 427 <b>8</b> 1 | 0.51361084<br>-C.51020913                | 0.54325867<br>-C.51223755                           | -0.44834900                               | -0.49862671                                  |
| -0.51444844<br>0.54820251                   | 0.54820251                               | 0.37675476                                          | -0.49942617<br>0.46040161                 | -0.51945494<br>0.63204954                    |
| -C-61759949                                 | 0.54820251<br>-0.53375244                | 0.37675476<br>-0.44615173                           | 0.50880432<br>-0.44615173                 | -0.44615173<br>-0.44615173                   |
| -0.44615173                                 | -0.61759949                              | 0.                                                  | 0.                                        | 0.                                           |

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|             | COMPACAL 63- 1 6-                 | atlantz                          |                                                |                                                  |                            |
|-------------|-----------------------------------|----------------------------------|------------------------------------------------|--------------------------------------------------|----------------------------|
| 604         | 2.50846536                        | 0.4 1113444                      | 6.49299466                                     | 9.51228333                                       | 0.30432714<br>-0.40490425  |
| m           | C.49266. 32                       | G.51138306                       | 6.49393250                                     | ~0,49395732<br>~0,52614002                       | -0.36572364                |
| 619<br>978  | -0.49618640                       | -c.52+ <i>\</i> -626             | -0,47095571                                    | 0.46377563                                       | 6-33267997                 |
| P06         | -0.47333:.27                      | 6.9007/217                       | 0.5496736<br>0.44618225                        | 0.56130901                                       | -0.4715701.2               |
| 822         | 5.47137479                        | 9.444/18225                      | -0.47937312                                    | -0.47937012                                      | -0.47937012                |
|             | -0.52454545                       | -9.52//56665<br>-9.5//869596     | <u>.</u>                                       | •                                                | •                          |
|             | -0.52456665                       | -6.5/.057.0                      | ~                                              |                                                  |                            |
|             | COMPONENT 44. 1 G                 | -velgats                         |                                                |                                                  | n 400044 <b>7</b> 0        |
| 991<br>817  | C-49247142                        | C-51469421                       | 0.40741049                                     | G_40911010<br>-0_53356734                        | 9,49094473<br>-0,53486443  |
| D04         | 0,49725342                        | 0.51650(70                       | 0.50074165<br>-0.51530440                      | -0.46510315                                      | -0.35100071                |
| 713         | -6,53414643                       | -3.53230296                      | 0.45612900                                     | 0.56744305                                       | 0-30504305                 |
| LOC         | -6.52516374                       | 6.54214478<br><b>0.48342876</b>  | 0.55371094                                     | 0.5204107                                        | -0.33439926                |
| 120         | 0,48342696<br>-0,62155151         | -6-52096556                      | -0.52096550                                    | ~0.33639526                                      | -0-42155151                |
|             | -0.52076558                       | -0.52096558                      | <b>6.</b>                                      | 6.                                               | ••                         |
|             | COMPONENT 65. 1 G                 | -JEICHTS                         |                                                |                                                  |                            |
| 163         |                                   | 6.51957743                       | <b>0.</b> 51 <b>959</b> 229                    | 6.41170094                                       | 9.95214900                 |
| 107         | C.52536411<br>G.4474451           | 0.54472351                       | 0.47940511                                     | -0.44139999                                      | ~5.62796624                |
| 132         | -5.516C PE 72                     | ~0.43310052                      | -c.42669152                                    | -0.52101135                                      | -0.95123901<br>0.46119994  |
| 137<br>137  | -6.42832947                       | 0.03132935                       | 9.15722654                                     | 0.73009155<br>0.37767029                         | -0.37300000                |
| 175         | 0.42439198                        | 0.77289096                       | 0.35398865<br>-0.37588888                      | -0,37500000                                      | -0.7,019331                |
| 143         | -4.72396747                       | -7.73019531<br>-0.37500300       | 9.                                             | 9.                                               | ••                         |
|             | -6.375760.6                       |                                  | •                                              |                                                  |                            |
|             | COMPONENT 64. 1 G                 | ~KELGHTS                         |                                                |                                                  | A 434 <b>43530</b>         |
| 153         | (.731 +7564                       | 0.47473145                       | 0.44506034                                     | 0.42310726<br>-6.53553772                        | 0.42402539<br>-0.40973003  |
| 176         | 0.53729035                        | 0.47969355                       | 6.479379E2                                     | -6,7 <i>37</i> 73772<br>-6,52 <del>7</del> 31213 | -0,457 <b>\6090</b>        |
| 186<br>168  | -6.47423494                       | -0.51130676                      | -2.50369263<br>0.60643315                      | 6.76565532                                       | 8,14014495                 |
| 132         | -3.49864177                       | ý.37113 <b>95</b> 3              | C.30793457                                     | 0,66715094                                       | -0.51205444                |
| 101         | 6.41415022                        | 0.47204590<br>-u.38821411        | -0.51265444                                    | -0.45035076                                      | -0.22700900                |
|             | -c.80221559<br>-J.51?35444        | -0.5873:079                      | 6.                                             | ••                                               | <b>0.</b> -                |
|             | 1                                 |                                  |                                                |                                                  |                            |
|             | COMPONENT 27. 1 G                 | -veights                         |                                                | 4. 4744144                                       | 8_44548242                 |
| , <b>90</b> | €.5245C5e2                        | C-47661255                       | 0.51919030                                     | 6,53601501<br>-0,47270203                        | -0.99995725                |
| .04<br>.70  | G.43539429                        | C.50016345                       | 9.51342619<br>-c.302 <b>48</b> 555             | -8-40409300                                      | -0.53134195                |
| 76          | -0.49555251                       | -0.47650146<br>C.47775269        | 9.73361042                                     | 0.7330L642                                       | 0.71427917                 |
| 11          | -C.47967529                       | C.14057910                       | 0.52194214                                     | 0.22025423                                       | -6.35372925                |
| 96          | C.47659326<br>-c.35372925         | -0.37326050                      | -0.35372925                                    | -0.35372925                                      | -0.66696611                |
|             | -0.91896657                       | -C.62527466                      | G-                                             | 9.                                               | •                          |
|             |                                   |                                  |                                                |                                                  |                            |
| i78         | composite 45 1 6                  | -uctruts                         |                                                |                                                  |                            |
| 20          | COMPONENT ES. 1 C                 |                                  |                                                | 0.49571777                                       | 0.49513245                 |
| 74          | Ç.49984C33                        | 0.53935242                       | 0-49639893                                     | -8.59091553                                      | -0.549426                  |
| 86          | 5-47365634                        | G.49459339                       | C.49598494<br>-0.507C9534                      | -0.50319700                                      | -0.47957068                |
| 44          | -9.50193074                       | -0.51107788                      | C.50671387                                     | 0. 1481018                                       | 0,53916931                 |
|             | -0.49664307                       | (.53916931<br>6.46176147         | 0.53916931                                     | 0.53916931                                       | -0.55944661                |
|             | C.459.6257<br>-C.51470747         | -0.51269531                      | -0.43520748                                    | -0.51470947                                      | -9.44775017                |
|             | -C.55964661                       | -0.43526746                      | <b>c.</b>                                      | c.                                               | 0.                         |
| 20          | COMPONENT 47. 1                   | i-kElGHTS                        |                                                |                                                  |                            |
| 78          | gon mazar ave a                   |                                  |                                                | 0.45521545                                       | C.52379793                 |
| 79          | C.49475a47                        | 0.48894790                       | 0,477 <b>05078</b><br>0,53 <b>472791</b>       | -0.42028909                                      | -C.50451950                |
| 79<br>50    | G-49066711                        | (·.55195614<br>-0.51919356       | -0.50541870                                    | -0.49774170                                      | -0,40910639                |
| 04          | -0.5363C.66<br>-0.445C225E        | C.25061035                       | 0.29292297                                     | 0.88635144                                       | 0.27465420                 |
|             | 0.58277993                        | C.88238325                       | 6.24449202                                     | 0.35073100                                       | -C.35930062<br>-0.90006365 |
|             | -0.85853577                       | -0.58676147                      | ~ <u>0</u> .28715515                           | -C.35958862                                      | 0.                         |
|             | -0.267155.5                       | -0.35958862                      | 0.                                             | 0.                                               | •                          |
| 87          | COMPONENT 75. 1                   | G-KEIGHTS                        |                                                |                                                  |                            |
| 54<br>22    |                                   |                                  | 0.52106765                                     | 0.47508248                                       | 0.51765442                 |
| 14          | 0.51736450                        | C.52410 <b>089</b><br>O.49504456 | 0.51736450                                     | -C-50442505                                      | -9.50001950                |
| 96          | 0.52207747                        | -0.5C370410                      | -0.50119019                                    | -0.50442505                                      | -0.57217366                |
| 19          | -0.37472534                       | 0.43302717                       | 0.19030742                                     | 0.54687927                                       | 0.00940013<br>-0.55430767  |
|             | 0.45422363                        | 0.21150204                       | 0.54568481                                     | 0.78849637<br>-C.44146729                        | -0.44146729                |
|             | -0.79641396                       | -0.44146729                      | -G.44146729<br>0.                              | 0.                                               | 6.                         |
|             | -0.44146729                       | -0.44146729                      | ••                                             | •                                                |                            |
| )9<br>19    | COMPONENT 71. 1                   | G-WEIGHTS                        |                                                |                                                  |                            |
| 10          | 0.47575006                        | 0.5000000                        | 0.54206484                                     | 0.53308105                                       | 0.51525079                 |
| 11          | 0.53568133                        | 0.41082764                       | 0.46548462                                     | -0.49760437<br>-0.47448730                       | -0.53524780<br>-0.47434868 |
| 11          | -6.47475193                       | -C.46833R01                      | -0.53742981                                    | G.10772800                                       | 0.39552307                 |
| 11          | -G-53477314                       | 0.68463135                       | 0.38372803<br>0.63977051                       | 0.61251831                                       | -0.70983887                |
|             | C-65156555                        | 0.44377134<br>-0.40893555        | -G.58947754                                    | -0.70963467                                      | -0.30166335                |
|             | -C.36168335<br>-G.42893535        | -0.40893555<br>-0.40893555       | 0.                                             | 0.                                               | q.                         |
| 10          |                                   | C-UEICUTS                        |                                                |                                                  |                            |
| 71          | COMPONENT 72. 1                   |                                  |                                                | 0.51347351                                       | 0.45455933                 |
| 16          | 0.56734302                        | 0.53030518                       | 0.52 <del>99</del> 3723<br>0.49 <b>99</b> 6474 | 0.51341351<br>-0.56166077                        | -0.47970581                |
| i <b>6</b>  | C.44667053                        | 0.54650979                       | -0.46464539                                    | -0.54733704                                      | -0.40455011                |
| '3<br>'3    | -C.48355103                       | -C.48303223<br>C.28959656        | 0.48038777                                     | 0.67271423                                       | 0.34446132                 |
| •           | -0.474853 <i>52</i><br>0.3354644B | 0.56338501                       | G.5555£147                                     | 0.55551147                                       | -0.36213684                |
|             | -0.70724313                       | -6.43603845                      | -0.77516174                                    | -0.43003845                                      | -0.43791199                |
|             | -0.43791199                       | -C.41900635                      | 0.                                             | 9•                                               | 0.                         |
|             | }                                 |                                  |                                                |                                                  |                            |
|             | 1                                 |                                  |                                                |                                                  |                            |

COMPRESS 63. 1 G-WEIGHTS

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0.
0.
0.
0.
0.
0.
0.
0.
 C.
C.
O.
O.
C.1673521
G.
C.
 5. 1
10. 1
15. 1
20. 1
20. 1
30. 1
30. 1
40. 1
45. 1
50. 1
65. 1
70. 0
 6. 1
11. 1
16. 1
21. 1
22. 1
36. 1
41. 1
51. 1
61. 1
66. 1
 7. 1
17. 1
17. 1
27. 1
27. 1
32. 1
27. 1
47. 1
47. 1
52. 1
57. 1
67. 1
72. 1
72. 1
 33. 1
39. 1
 0.7941501
c.3550556
 0.
0.3969445
C.0717678
C.0229336
 e.
c.
LEVEL : "S .
 AIAS = -1.23103361
 1. 7
. 1 15
. 2 15
 COMP. OUTPUT COMP. OUTPUT 7. 2 1.0762033 O. C.
 COMP. OUTPUT
 Comp. Output
0. 0 G.
```

161

925

141

579

man marght filled the line . The first

```
- CAIS WEN ASPARA TO TUD TUPTUD :

1 DECODE CONCESSOR SEN BLAS =

1 CONTROL - CONCESSOR TO THE TUPTUD :

2 CAIS WEN ASPARA TO TUD TUPTUD :

2 CONCESSOR SEN BLAS =

 。-0.49702514
 -0.58555594
 -0.58555594
 LEVEL
 1
 MS =
 0.03999999
 BIAS .
 OUTPUT
 OUT PUT
 OUTPUT
 COMP.
 COMP.
 0.
0.5441364
 2. 1
7. 1
 0.
 10.
 0.G382764
 14. i
 0.2445539
 0.0814841
 23.
28.
33.
38.
 Q-684G737
 25. 1
30. 1
35. 1
40. 1
45. 1
50. 1
55. 1
40. 1
70. 1
 24. 1
29. 1
34. 1
39. 1
44. 1
49. 1
54. 1
59. 1
64. 1
 26. 1
31. 1
36. 1
41. 1
44. 1
 0.0730031
 0.
0.
0.
 0.
0.
0.
 32.
 0.6418587
 43.
 0.
0.2718574
 0.4051171
 53.
 0.1787312
0.
 58. 1
63. 1
68. 1
 0.
0.
0.
 62. 1
67. 1
 0.
 1. 1 C. 72. 1
OUTPLT OUT OF RANGE, NEW BIAS *
LEVEL
 CONTROL = COCOC GOODOOL
L ALAS CHAYGES
 LEVEL 2
 BIAS =
 -0.24629194
 MS .
 COMP.
0. C
 COMP. 0. 0
 G'ITPUT
 COMP,
0. 0
 COMP. 2. 2
 OUTPUT
 OUTPUT
 OUTPUT
 DUTPUT
 1.0050128
1.20501
C.
*** 34 [YPUT H3
MEMPS=0000600000007
 INDENTIFICATION CORRECT
NCYCS=000000GG0014 INDICT=0000000000001
 1 OUTPUT OUT OF RANGE, NEW BIAS .
LEVEL
 LOUPPLY OUT OF RANGE, NEW BIRS =
CONTROL=000C0000001
1 OUTPLY OUT OF RANGE, NEW BIRS =
CONTROL=000CC0000003
1 OUTPLY OUT OF RANGE, NEW BIRS =
CONTROL=000CCQC003
1 OUTPLY OUT OF RANGE, NEW BIRS =
CONTROL=0000U0CC007
A BIRS CHANGES
 -1.37622240
LEVEL
 -1.14425689
LEVEL
 4 BIAS CHAYGES
 -1.14425689
 C.C9939999
 BIAS -
 LEVEL 1 MS .
 COMP.
3. 1
6. 1
 COMP. 4. 1
 OUT PUT
 COMP.
 OUTPUT
 OLTPUT
 0.1488269
 COMP.
 OUTPUT
 COMP.
 5. 1
 0.5572933
 0.
 10.
 1. 1
 0.3709355
0.3709355
0.0979425
0.2624723
 13.
18.
23.
 o.
 12. 1
17. 1
22. 1
27. 1
32 1
 14.
19.
24.
29.
34.
39.
 20.
 16. 1
 23. 1
28. 1
33. 1
38. 1
43. 1
48. 1
53. 1
 30. 1
35. 1
40. 1
45. 1
50. 1
55. 1
60. 1
70. 1
 0.2421844
 0.
 0.5937308
 0.
 0.0525847
 0.2232583
 0.
0.3768460
 0.0149882
 ٥.
 1. 1 0. 62. 1 67.
 ç.
 2 OUTPUT OUT OF RANGE, N'W BIAS -
CONTACL -SOUC-DOCGGC!
2 OUTPUT OUT OF RANGE, NEW BIAS -
CONTACL -CC02-COG0003
2 OUTPUT OUT OF RANGE, NEW BIAS -
CUNTACL -ODD0200CCCC7
3 RIAS CHANGES
 C.48440296
 reaer
reair
 0.53921941
 0.53921941
 BIAS .
 COMP. OUTPUT 0. 0.
 COMP. OUTPUT
 OUTPUT COMP.
0.7511477 0. 0
 COMP. 2. 2
 OUTPUT
 104100
 COMP.
1. 2
1 IS
2 IS
 C.2448695
D.26487
C.75115
 *** 35 | TYPUT V3
 INDESTIFICATION CORRECT NC4C5=00000000000014
 LEVEL 1 DUTPLT OUT OF RANGE, NEW BIAS =

CONTROL -- COCCODOSS

LEVEL CONTROL -- TOTO COCCODS

CONTROL -- TOTO COCCODS

CONTROL -- TOTO COCCODS
 0.0158,748
 0.10082969
 0.08458167
```

-0.22849435

reast.

```
0.08456167
 0.05999999
 BIAS -
 MS .
 LEVEL
 1
 OUTPUT
 OUTPYT
 CUIPUT
 COMP.
 0.0676967
0.3995843
0.2614373
 0.0500013
 0.
0.1289284
0.0853782
 1. 1
4. 1
11. 1
 6.1434042
 .),1203622
 14.
 ٦.
 26.
 0.0599067
 0.0448329
 25.
 16. l
21. l
 0.1270768
 33. ī
 ŏ.
 0273492
 29.
34.
39.
44.
 26. 1
31. 1
36. 1
41. 1
 20.
33.
 0.1491002
 30.
35.
 0.2314907
0.2989445
 27. 1
 0.0557362
0.0462466
0.1643220
 0.3559121
 38.
 ٥.
 42. 1
 0.
 49. 1
54. 1
59. 1
64. 1
 50.
55.
 48. 1
53. 1
58. 1
 0.
0.C226644
0.1821495
 0.
 0.0000739
 0-0623796
 0.1913864
 52. 1
 60.
65.
 0.1033087
 0.
0.2761155
 0.1009150
 63.
60.
 61. 3 0.2761155 62. 1 0
64. 1 0. 67. 1 0
71. 1 0.0742878 72. 1 0
2 OUTPUT OUT OF RANGE, NEW BIAS =
CONTROL=0000C.GOOCOO1
2 OUTPUT OUT OF RANGE, NEW BIAS =
CONTROL=C020COGOOC3
2 OUTPUT OUT OF RANGE, NEW BIAS =
CONTROL=0070COGOOO7
3 BIAS CHANGES
 62.
 0.
0.1577379
 0-0175634
 70.
 ٥.
 0.48160715
LEVEL
 0.89240590
LEVEL
 0.68700653
FEAET
 0.68700653
 BIAS -
 LEVEL 2
 MS =
 COMP. OUTPUT
2. 2 0.2
 OUTPUT
 DUTPUT
 OUTPUT
 COMP-
 0.7237922
0.72379
 0.2436128
 0. 0
 1. 2
1 IS
2 IS
 0.24361
 INDENTIFICATION CORRECT NCYCS=00000G000014
--- 36 EMPUT H4
MEMPS=0000000000005
 INDICT=00000000000001
 -0.37577376
 1 DUTPUT OUT OF RANGE, NEW BIAS =
LEVEL
 1 OUTPUT OUT OF RANGE, NEW BIAS = CONTROL=00C000000001
1 OUTPUT OUT OF RANGE, NEW BIAS = CONTROL=000000000003
1 OUTPUT OUT OF RANGE, NEW BIAS = CONTROL=000000000003
1 OUTPUT OUT OF RANGE, NEW BIAS = CONTROL=COGGOOCOOO7
LEVEL
 -1.32522601
 LEVEL
 -1.00786295
LEVEL
 4 BLAS CHANGES
 0.05999999
 BIAS -
 -1.06786295
 1
 MS -
 LEVEL
 COMP.
 OUTPUT
 OUTPUT
 DUTPHT
 COMP.
 0.7117703
 1. 1
6. 1
11. 1
 0.
 10.
 0.
 ٥.
 0.4174257
 0.
0.
 ٥.
 16.
 25.
 0.1310723
 0.
 0.
0.0525617
 0.0855175
 6.
 Ġ.
 28. 1
33. 1
 0.
0.
0.5737063
0.2109623
 ö.
ö.
 ٥.
 31.
 38.
43.
 0.4866238
 40.
45.
 37. 1
42. 1
47. 1
52. 1
 c.
 44.
49.
54.
59.
 0.
C.4074669
0.5741969
 ٥.
 50.
55.
 0.
0.
 46.
 o.
 0.2631574
 40.
 0.
 64.
69.
0.
 45.
 ø.
 0.
 0.3638797
 ٥.
 71. 1 0. 72. 1
2 OUTPUT OUT OF RANGE, NEW BIAS =
CONTROL=000000000001
2 OUTPUT OUT OF RANGE, NEW BIAS =
 LE VEL
 1.49113533
 CONTROL -OCCOGOOCOOO3
2 OUTPUT OUT OF RANGE, NEW BIAS -
CONTROL -OOGGOOOOO7
 0.99556766
 LEVEL
 3 BIAS CHANGES
 0.99556766
 LEVEL 2
 BIAS .
 MS .
 COMP. OUTPUT
0. 0 0
 OUTPUT
 OUTPUT
 COMP.
 OUTPUT
0.2248962
G.2249C
 OUTPUT
 COMP.
 2. 2
 COMP.
 0. 0
 1. 2
 0.8308826
 SUM NO.
 0.83088
 INDENTIFICATION CORRECT
CS=0000000000014 INDICT=00000000001
 000 37 EMPUT V4
 NCYCS=0000000000014
 LEVEL ...
 0.04944443
 0.20833330
 1.83818209
 1.02325770
 0.61579551
 0.41206442
 1 DUTPUT DUT OF RANGE, NEW BIAS =
CONTROL = COGCOCOCCO?
1 DUTPUT DUT OF RANGE, NEW BIAS =
CONTROL = COCCCOCCOCO?
1 DUTPUT DUT OF RANGE, NEW BIAS =
CONTROL = COCCCOCCOCOCO
 LEVEL
 0.36113164
 0.38659802
 LEVEL
```

4 BLAS CHANGES

```
0. 3865 9802
 BIAS .
 C.C9939999
 LEVEL
 OUTPUT
 0.3104640
G.1833291
0.2403403
9.6147049
0.6347902
 C.0774611
 2.
7.
12.
17.
 1.
 0.6996080
 C.1995313
C.2466394
O-
 0.1545601
 C.C727470
C.1375074
 14:
21:
 0.406806
 26. 1
31. 1
36. 1
41. 1
 0.0091383
0.0234625
0.0193981
0.1123761
0.1604787
 0.
0.C598589
0.C9195G3
 40.
45.
50.
55.
 0.
0.1789190
 0.1058495
0.2390453
 3.0528677
 42.
47.
 0.1648125
 0.1257975
 0.1260131
 0.
6.1545352
C.GZG5477
 0.0042302
 66. 1 O. 67. 1 C

71. 1 N.16A7178 72. 1 ?

2 CHTPLT ON! OF RAMGE, NEW BLAS =

CONTROL. 2023. 09000601

2 CHTPLT ON! OF RAMGE, NEW BLAS =

CONTROL. 2004. C0000103

2 CHTPLT ON! OF RAMGE, NEW BLAS =

CONTROL. -LC 10. LC 1
 0.1415942 0
0.50000000
FEAST
 1.22536066
 0.86268633
 LEVEL
 0.96268033
 BIAS =
 c.
 COMP. 0. 0
 FIAIF
 COMP. OUTPUT COMP. OUTPUT 2. 2 0.7707235 0. 0 G.
 OUTPUT
 QUTPUT
G.1051677
G.10519
G.77072
 IDENTIFICATION [NCORRECT. NCVC5=00000000000013 INDICT=000000000001
 1 OUTPUT OUT OF RANGE, NEW BIAS = CONTROL=0005CCC000001
1 OUTPUT OUT OF RANGE, NEW BIAS = CONTROL=C00000001
1 OUTPUT OUT OF PANGE, NEW BIAS = CONTROL=00000001
3 BIAS CHANGES
 0.06944443
 rever
 0.20833330
 LEVEL
 0.48411103
 COMP.
 0.0999999
 LEVEL
 OUTPUT
 COMP.

1. 1

6. 1

11. 1

16. 1
 OUTPUT
 0.6988976
0.1010224
0.6948724
 OUTPUT
 001701
 0.0384757
C.
0.0658917
C.1105480
 0.0957556
 D.C87473 ·
 0.
0.0262693
0.1079959
0.1396763
 0.0044373
0.0944373
0.1310233
0.1323314
0.628774
0.0005197
0.6608591
 0.0853418
 0.0983648
 0.0976161
 0.0954274
 C.
0.
0.
0.1151429
 35.
 26. 1
31. 1
36. 1
41. 1
 0.
0.1078909
G.1197907
0.0853671
G.1267627
0.1069802
 40.
45.
50.
55.
 0.
0.1016918
0.1091066
 0.6578107
0.0780173
0.1294168
 0.1318584
0.6474313
0.6986374
 0.1026783
 44. 1
51. 1
 60.
65.
7G.
 0.
0.1145976
 0.0911640
0.0772716
 0.0929769
2.1278801
 61. 1 2-1278801 42. 1 0
64. 1 2-0278801 42. 1 0
71. 1 0-0951318 72. 1 0
2 OUTPUT OUT OF RANGE, NEW BIAS =
CONTROL=COOGOOOCOO1
2 OUTPUT OUT OF RANGE, NEW BIAS =
CONTROL=COCCOOCOO3
2 OUTPUT OUT OF RANGE, NEW BIAS =
CONTROL=COCCOOCOO7
2 OUTPUT OUT OF RANGE, NEW BIAS =
CONTROL=GOOCCOOCOO7
2 OUTPUT OUT OF RANGE, NEW BIAS =
CONTROL=GOOCCOOCOO7
2 OUTPUT OUT OF RANGE, NEW BIAS =
CONTROL=GOOCCOOCOO7
5 61AS CMANGES
 C.1204472
 1.64765422
 LEVEL
 1.07382712
 LEVEL
 FEAST
 0.78691357
 0.93037035
 LEVEL
 0.93037035
 LEVEL ?
 COMP. OUT PUT 0.
 COMP. OUTPUT COMP. OUTPUT COMP. OUTPUT

1. 2 r.3C39120 2. 2 0.73383?1 0. C G.

1 IS 9.30391

2 IS n.73383
 COMP. OUTPUT
 | IDENTIFICATION | INCORRECT: | INDICT=000000000001
 MINPS-00-000030CCC4 NCCCS-COOCOJOOO012

LEVEL 1 OUTPUT OUT OF RAMGE, VEW BIAS = CONTROL=000CC0000001

LEVEL 1 OUTPUT OUT OF RAMGE, WEW BIAS = CONTROL=000CC00CCC01

LEVEL 1 OUTPUT OUT OF RAMGE, WEW BIAS = CONTROL=000CC00CCC01

LEVEL 1 OUTPUT OUT OF RAMGE, WEW BIAS = CONTROL=000CC00CC01

LEVEL 1 OUTPUT OUT OF RAMGE, WEW BIAS = CONTROL=C00CC00CC03

ARITHMETICC OVERFLOW OCCURED AT LOC 22135

LEVEL 1 OUTPUT OUT OF RAMGE, NEW BIAS = CONTROL=000CC00CC07

LEVEL 1 OUTPUT OUT OF RAMGE, NEW BIAS = CONTROL=000CC00CC07

LEVEL 1 OUTPUT OUT OF RAMGE, NEW BIAS = CONTROL=000CC00T

LEVEL 1 OUTPUT OUT OF RAMGE, NEW BIAS = CONTROL=000CC00T

LEVEL 1 OUTPUT OUT OF RAMGE, NEW BIAS = CONTROL=000CC00T

LEVEL 1 OUTPUT OUT OF RAMGE, NEW BIAS = CONTROL=000CCC00T

LEVEL 1 OUTPUT OUT OF RAMGE, NEW BIAS = CONTROL=000CCC00T

LEVEL 1 OUTPUT OUT OF RAMGE, NEW BIAS = CONTROL=000CCC00T

LEVEL 1 OUTPUT OUT OF RAMGE, NEW BIAS = CONTROL=000CCC00CCCT

LEVEL 1 OUTPUT OUT OF RAMGE, NEW BIAS = CONTROL=000CCC00CCCT

LEVEL 1 OUTPUT OUT OF RAMGE, NEW BIAS = CONTROL=000CCC00CCCT

LEVEL 1 OUTPUT OUT OF RAMGE, NEW BIAS = CONTROL=000CCCTOCOOT

LEVEL 1 OUTPUT OUT OF RAMGE, NEW BIAS = CONTROL=000CCCTOCOOT

LEVEL 1 OUTPUT OUT OF RAMGE, NEW BIAS = CONTROL=000CCCTOCOOCCT
 0.06944443
 0.48611:03
 1.80085333
 0.45045384
```

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**√**#

.

(A)

```
LEVEL
 1 45 •
 0.C3T39444
 #245 a
 0.54882530
 0.1529413
0.1529413
 0.1006541
0.1157776
0.1157776
0.1170534
0.0766497
 C.1224534
O.C740945
G.1034733
O.123376C
 e-10751C7
 C....74968
C.1175478
 C.J698424
C.1563075
 15.
 0.0003773
0.1029101
 29.
25.
 C.1416936
C.1643330
C.1643330
C.1643637
C.1616126
 0.14-0760
 0.0999772
0.1128277
 .2707734
2003463
 30.
35.
40.
45.
55.
65.
70.
 9.1296176
0.0749693
0.1212610
0.1101668
 0.
0.050+76+
 .
1196697
0984934
 0.1059438
 0.0105125
0.0104219
0.1131420
 7.
5.0932563
0.1662135
0.1665196
 0.1008155
 0.1140351
0.1021453
0.074466
 0.1025973
 41. i
 6.C%7983
8.
 1209954
 TI. I 0-100942P F. I
2 OUFPLT DUT OF RAME, NEW BIAS =
CONTROL-FEDDOCOCOOL
2 OUFPLT DUT OF CANAGE, NEW BIAS =
CONTROL-FEDCOCOCOOLOG
2 OUFPLT DUT OF RAMEE, NEW BIAS =
 LEVEL
 0.50001:000
 LEVEL
 4-12489432
 LEVEL
 2-31344514
 CONTROL CONGCORGGOT 2 DUTPUT OUT OF RANGE, MEN BIAS .
 LEVEL
 1.46672498
 CONTROL SCOCCOCCOCT SENSE SIAS -
CONTROL SCOCCOCCOCT SENSE SIAS -
CONTROL SCOCCOCCOCT
2 DUTPLT DUT OF RANGE, NEW SIAS -
 LEVEL
 LEVEL
 1.19004306
 Z DUTPLT OUT OF RANGE, NEW SIAS *
CONTROL *COCCODOGO?
Z DUTPLT OUT OF RANGE, NEW BIAS *
CONTROL *CCCCOGOOO?
CONTROL *GC**CCCOOCOO?
 rever
 1.06670256
 LEVEL
 8 BIAS CHANGES
 LEVEL 2 MS .
 GIAS =
 1.21003231
 OUYPUT
C-30143G7
C-30143
C-63E19
 CD4P.
1. 2
SUM NO. 1 ES
SUM NC. 2 ES
 COMP. DUTPUT COMP.
2. 2 0.6311887 0. C
 CUTPUT
 IDENTIFICATION INCORRECT.
NCVCS-000000000011 INDICT-200020000001
 *** 40 INPUT HS
0.06944443
 0.48611103
 95.20499992
 47.84555578
 24.16583323
 12.32597220
 6.404162
 3-44607636
 1.96609373
 1.22610241
 0.85610676
 0.67110873
 LEVEL 1 MS -
 0.0999999
 BIAS .
 0.67110893
 COMP.
 001PU1
0.0815577
 COMP.
 OUTPUT
 DUTPUT
 UT CO
0.0817988
0.1157744
0.0940459
0.0677105
0.1744087
0.0745984
0.0914311
 C.1484329
G.C719332
G.C649658
G.1166959
 0.0800336
 9. 1
14. 1
19. 1
24. 1
29. 1
34. 1
39. 1
44. 1
 0.0749640
C.(989598
 C-0667052
0-0975386
 15.
20.
25.
30.
35.
40.
45.
 0.
0.1195196
C..752160
 0.
0.0503358
0.1185120
0.0747855
0.0856964
0.0983472
 0.0944188
0.
 0.0707998
C.0791044
 0.0767904
0.0860426
 0.0836491
 50. 1 C. (791044 47. 1 55. 1 0. 72. 1 56. 1 0. 72. 1 56. 1 0. (791848 57. 1 61. 1 0. (173347 42. 1 56. 1 0. (173347 42. 1 56. 1 0. (1737469 47. 1 57.
 55.
60.
45.
70.
 0.0959621
 0.
0.0949033
0.0798255
 53.
58.
 54.
51.
 0.0900021
 0.
9.0008418
 0.0707546
0.0780584
 68.
 0.0453966
 0.50000000
 2.34216729
 LEVEL
 0.73027094
 LEVEL
 C.84540638
```

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1. HEAS CHAIGES

( e = 5

```
74595774
7.45957
 C.45671
 reast.
 1 GUTPUT OUT OF RANGE, NEW MIAS = CONTROL = CONCIOCOSD1
1 GUTPUT OUT OF RANGE, NEW BIAS = CONTROL = CCC/COOCOGD
1 GUTPUT OUT OF RANGE, NEW BIAS = CONTROL = CONCENTION CONTROL
 -0.37116373
 -1.20311577
 CONTROL -: 07CC DOCGUOS
1 UNITATE DET CE RANGE, YEW BIAS +
CONTROL --COCCUOCOU?
4 61AS CHANGES
 LEVEL
 -1.05512777
 LEVEL 1
 #S =
 0.0999999
 #145 - -1.05512777
 COMP.
1. 1
6. 1
11. 1
 OUTPUT
C.
Q.
 2. i
7. 1
12. 1
 Output
0.3022167
 0.3247639
 o.
 9. 1
14. 1
19. 1
24. 7
29. 1
34. 4
39. 1
44. 1
54. 1
54. 1
 13. 1
19. 1
23. 1
20. 1
33. 1
 0.0797902
0.
0.
 C.
O.
C.
 21.
24.
31.
 0.7345648
 36. 1
35. 1
 0.4090000
0.4315278
0.0824004
0.
 0.
 40.
45.
50.
55.
60.
65.
70.
 36. 1 0.
41. 1 0.
46. 1 0.
51. 1 0.
56. 1 0.
61. 1 0.
64. 1 0.1277389
71. 1 0.
LEVEL 2 OUTPUT OUT OF RANGE.
60 CONTROL=COOC GOODGO
 0.
0.5447843
0.0919141
 50. 1
 0.3542796
 0.1895547
 0.3027229
 0,6474877
 LEVEL 2 DUTPLY OUT OF RANGE, NEW BIAS = CONTACL=GCGGJOOC JOS 2 DIAS CHANGES
 1.10331320
 LEVEL 2 MS -
 BIAS .
 1.10311320
 COMP.
1: 2
1 IS
2 IS
 DUTPUT
 COMP. OUTPUT COMP. OUTPUT 2. 2 1.0563758 0.0 0.
 COMP. OUTPUT
C. 0 0
 COMP.
 OUTPUT
 *** 42 INPUT V5
 INDENTIFICATION CORRECT
NCYCS=SCOOCOGOOO14 INDICT=9990000000001
0.06290954
 0.14711176
 0.16921286
 CCMP. O. 5. 1
10. 1
10. 1
15. 1
20. 1
25. 1
30. 1
35. 1
0. 10. 1
1. 1
 LEVEL 1 45 =
 0.09999999
 RIAS =
 1. 1
6. 1
11. 1
 GHTPUT
0.1443322
0.1374778
0.0303574
 OUTPUT
0.0563493
 OUTPUT
 OUTPUT
1 0.2675001
1 0.
1 0.1547608
 OUTPUT
 0.231591n
0.1858147
 0.0430006
 0.0030148
 C.
0.
0.1677774
0.
 16. 1
 0.1273475
0.045774C
 r.
C.C812402
 0.
0.1244631
 7.
0.
1.3340882
 30.
35.
40.
45.
50.
 0.0253040
 0.
 0.
0.0997463
0.1525429
0.0563268
 C.. 236090
0.0798310
 9.1026201
 0.
0.1143315
 52, 1
57, 1
62, 1
67, 1
 53. 1
58. 1
 C.
0.1138861
0.0820378
C.2578560
 0.
 40.
45.
70.
0.
 0.
C.1231649
 0.0619344
 0.0951074
AIAS .
 0.28875010
 1. 2
1. 15
2. 15
 CUTPUT COMP. QUTPUT COMP. QUTPUT COMP. QUTPUT 0.0037373 C.2 2 C.0291813 Q. 0 Q.
 COMP. OUTPUT
0. 0 0
 COMP. OUTPUT
 LAPUT 4%
 INDENTIFICATION CORRECT
```

```
1 OUTPUT OUT OF RANGE, NEW BIAS = CONTROL=900C0200001
1 OUTPUT OUT OF RANGE, NEW BIAS = CONTROL=0010C000003
1 OUTPUT OUT OF RANGE, NEW BIAS = CONTROL=0010C000C007
1 OUTPUT OUT OF RANGE, NEW BIAS = CONTROL=0020C000C007
1 OUTPUT OUT OF RANGE, NEW BIAS = CONTROL=0020C000C007
 -0.46557347
LEVEL
 -1.41241999
LEVEL
LEVEL
 -1.16070837
rever
 -1.03405256
 CONTROL =CO OCC 0006307
1 OUTPUT OUT OF RANGE, HEW BIAS =
CONTROL =CO OCC 0007
 -1.09778047
LEVEL
 6 BIAS CHANGES
 -1.09778047
 1
 MS =
 0.09999999
 BIAS -
 LEVEL
 OUTPUT
 COMP.
 OUTPUT
 OUTPUT
 COMP.
 0.2966548
0.
 1. 1
6. 1
11. 1
 2. 1
7. 1
 9.
 0.
 .
 0.
 0.3965121
0.
0.
 13.
18.
23.
 12. i
17. i
22. i
 0.1911725
 0.
0.0542104
 16.
 21.
 0.2453050
 G.
0.3201225
0.4562773
 27. 1
32. 1
37. 1
 0.
0.
0.
 20. 1
33. 1
 0.
 .
 35.
40.
45.
 0.1363032
 34.
39.
44.
49.
54.
59.
64.
69.
 31. 1
36. 1
 33. 1
38. 1
43. 1
48. 1
53. 1
50. 1
93077 63. 1
68. 1
0. 0
 C.
C.1637385
 41. 1
46. 1
51. I
 42. 1
47. 1
52. 1
57. 1
 0.1233014
 0.
0.
 50.
55.
60.
65.
 0.0230040
 0.
 56. 1
61. 1
66. 1
 62. 1
67. 1
72. 1
 0.1455044
 0.3949992
 0.6193077
 0.1481904
 71. 1 9.
2 OUTPUT OUT OF RANGE,
CONTROL=DCCCGGGGGGGG
2 OUTPUT OUT OF RANGE,
LEVEL
LEVEL
 WEN BLAS -
 0.42813073
 CONTROL -COOCCOCOCOS
2 RIAS CHANGES
 0.42813073
 LEVEL
 2
 BIAS =
 COMP.
0. 0
 COMP. 0. 0
 OUTPUT
 OUTPUT
 OUTPUT
 OUTPUT
 COMP.
1. 2
1 IS
2 IS
 OUTPUT
 COMP.
 1.0000000
 1.00000
 INDENTIFICATION CORRECT
 INPUT V6
INCORRECT RESPONSES THIS CYCLE = 5
MIMPS=0G900000CC14 NCYCS=00C00009G14
 INDICT=0000000000001
-0.33101154
 -0.58286154
 -0.83471152
 CONTROL=GOOCOGOGOOO3
3 HIAS CHANGES
 LEVEL
 1
 MS =
 0.09999999
 BIAS .
 -0.83471152
 COMP.
 OUTPUT
 COMP.
 OUTPUT
 COMP.
 OUTPUT
 2. 1
7. 1
12. 1
17. 1
 1.
6.
11.
 0.
2.4219098
 0.
 1.1339787
 0.
 0.
 0.0028143
 ٥.
 19.
24.
29.
34.
 16. 1
 0.
0.
0.
 ٥.
•
 0.
 18. 1
 20.
25.
 22.
 ٥.
 0.
 23. 1
28. 1
33. 1
38. 1
43. 1
68. 1
53. 1
 0.
0.0210728
0.0292478
 0.3427086
 30.
35.
 1.1335950
 26.
31.
 32. 1
37. 1
 0.8816660
 44.
49.
54.
59.
64.
 0.
 46.
 52. 1
57. 1
 0.
 0.1479750
 55.
 ٥.
 0.
0.
 0.
 65.
70.
 62. 1
67. 1
 0.1845777
 0.3289412
 ٥.
LEVEL
 -1.49999994
LEVEL
 -23.48346376
LEVEL
 LEVEL
LEVEL
 -2.87396649
 -2.18498326
 -2.53047487
FEAST
```

1901CT=903090000001

MEMPS=0400000709001

NCYC5=0000000014

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, W.

1.45

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BIAS -
 0.9260155
0.92662
 OUTPUT
 149LT 41
20000013
 L GUTPLT OUT OF RANGE, NEW BIAS -
CONTROL-COMEGC/900001
L GUTPLT OUT OF RANGE, YEU BIAS -
 -0.37691055
 CONTROL -000CCC00C003
1 OUTPUT OUT OF RANGE, NEW BIAS -
CONTROL -000CC00C003
1 OUTPUT OUT OF RANGE, NEW BIAS -
CONTROL -000CC00C000
A BIAS CAMANDA CONTROL -000CC00C000
 BIAS .
 -1.35750717
 0.3207400
 OUTPUT
0.
0.5/33183
 4. 1
9. 1
 3. 1
 0.
0.4636215
 10. 1
15. 1
20. 1
25. 1
 0.
 0.7733163
0.
0.
0.
0.
0.1758133
 7. 1
14. 1
19. 1
24. 1
29. 1
34. 1
39. 4
 11. 1
14. 1
21. 1
24. 1
 13. 1
18. 1
23. 1
28. 1
33. 1
38. 1
43. 1
48. 1
53. 1
 0.
0.6358852
 22.
27.
 0.
 25. 1
30. 1
35. 1
40. 1
45. 1
50. 1
55. 1
60. 1
 0.5200662
 0.3503788
 g.
G.
 0.
0.
0.
0.
0.
0.
 0.
6.6918232
0.
0.
0.
0.
0.
 59. 1
49. 1
54. 1
59. 1
64. 1
69. 1
 42. 1
 0.2664019
0.5704770
0.
 47. 1
52. 1
57. 1
 0.
0.
 0.
 0.6643C74
0.
 62. 1
67. 1
72. 1
 63. i
 71. 1 0.
2 OUTPUT OUT OF RANGE,
CONTROL-00000000C001
2 OUTPUT OUT OF RANGE,
CONTROL-00000000003
 0.55294409
 2
 MS -
 BIAS .
 0.55294409
 COMP.
0. 0
 OUTPUT
 OUTPUT
 OUTPUT
 1.0000000
 0. 0
 1.00000
 INDENTIFICATION CORRECT
NCYCS-000000000014 INDICT-000000000001
+++ 46 [MPUT V]
MIMPS+000000000012
 -0.33474889
LEVEL
LEVEL
 -0.63866830
 5 BIAS CHANGES
 LEVEL 1
 MS .
 0.09999999
 BIAS =
 -0.6386683C
 OUTPUT
 COMP.
 COMP.
 OUTFUT
 COMP.
 OUTPUT
 COMP.
 OUTPUT
 5. 1
10. 1
15. 1
 0.0091808
 0.0384411
0.1141642
0.
 0.
C.1453924
 0.
 c.
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 14.
19.
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29.
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 0.1023560
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0.2795106
 11. 1
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23. 1
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 17. 1
22. 1
27. 1
 20.
25.
 0.
0.2142209
 0.2246769
 30.
35.
 0.0736987
 0.
 0.3275190
 35. 1
40. 1
45. 1
50. 1
55. 1
60. 1
63. 1
70. 1
 0.3005495
 0.
0.1936703
 44.
49.
54.
59.
 0.
0.2709343
 0.
0.3925955
 0.2303140
 0.
 58.
 0.2043297
 0.
0.1036592
0.
 62. 1
 0.4139445
 -0.39958540
LEVEL
 LEVEL 2
 BIAS - -0.52597469
 OUTPUT
C.
 OUTPUT
 COMP. OUTPUT
O. C O.
 COMP. 2. 2
 COMP.
0. 0
 OUTPUT
 1. 2
1 IS
2 IS
 1.0454478
 | NDENTIFICATION CORRECT | NCYCS=000000000014 | INDICT=000000000001
000 47 INPUT HZ
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1 OUTPUT DUT OF RANGE, NEW SIAS - CONTROL-2000000001
1 OUTPUT OUT OF RANGE, NEW SIAS - CONTROL-CC0000000003
1 OUTPUT OUT OF RANGE, NEW SIAS -
 COMTROL -COCCGOCCOCC

1 OUTPUT OUT OF RANGE, NEW BIAS =

COMTROL -COCCGOCCOCC

4 BIAS CHANGES
LEVEL
 -1.06161819
 LEVEL
 1
 MS =
 0.0999999
 BIAS -
 -1.06161819
 COMP.
 OUTPUT
 1. 1
6. 1
11. 1
 2.
7.
 0.0957111
 ٥.
 ٥.
 10.
 14. 1
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24. 1
29. 1
34. 1
39. 1
44. 1
49. 1
54. 1
59. 1
64. 1
 0.5797245
 0.2343355
0.7300357
 16.
21.
 17.
22.
 14.
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 29.
25.
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48.
45.
50.
55.
46.
47.
 9.
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9.
 0.
 0.1500093
 26.
31.
 32.
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 33. 1
36. 1
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 41. 1
44. 1
51. 1
 0.9152 55
0.5006987
 42.
47.
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58.
63.
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0.1401942
 e.
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 1111
 57. 1
62. 1
67. 1
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 66. 1
 0.
 0.
 ŧ.
 71. 1 G.
2 OUTPUT OUT OF RANGE.
 0.
 72. 1
 0.2109428
 0.
LEVEL
 CONTROL-0000C00CG001
2 OUTPUT OUT OF RANGE,
CONTROL-000C00000003
 -0.65585355
 2 BIAS CHANGES
 LEVEL
 -0.45585355
 BIAS .
 COMP.
0. 0
 OUTPUT
 BUT PUT
 OUTPUT
 1. ?
1 IS
2 IS
 1.0818135
 1.08181
*** 48 [NPUT V2
NIMPS**000000006010
 INDENTIFICATION CORRECT NCYCS=000000000014 IM
 IMDICT=000000000000001
 1 OUTPUT OUT OF RANGE, NEW BIAS = CONTROL=COOGOOOGOO1
1 OUTPUT OUT OF RANGE, NEW BIAS =
LEVEL
LEVEL
 1 OUTPUT OUT OF RANGE, NEW BIAS =
CONTROL=COCCCOCOCOCO
1 OUTPUT OUT OF RANGE, NEW BIAS =
CONTROL=COCCCOCOCOCO
2 OUTPUT OUT OF RANGE, NEW BIAS =
CONTROL=COCCCOCOCOCO
3 OUTPUT OUT OF RANGE, NEW BIAS =
CONTROL=COCCCCOCOCOC
5 BIAS CHANGES
 -0.85229668
LEVEL
 -1.10052396
LEVEL
 -0.97641033
 LEVEL
 1
 MS =
 0.09999999
 BIAS =
 -0.97641033
 COMP.
 OUTPUT
 OUTPUT
 0.
0.6348790
 1. 1
 0.
 2.
 3.
 0.
 5. 1
 O.
 10.
15.
20.
25.
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35.
40.
45.
50.
65.
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39.
 16. 1
21. 1
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 18.
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 0.
0.
0.
0.
0.
 0.0707215
 0.9495694
 27.
32.
37.
 28.
33.
38.
 0.6126864
 ٥.
 0.6281001
 39. 1
44. 1
49. 1
54. 1
59. 1
64. 1
 43.
48.
53.
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 °:
 111110
 0.3536240
 52.
 0.
 0.8524164
 0.0439960
 0.
0.2770480
 0.
 68.
 71. 1 0.
2 OUTPUT OUT OF RANGE,
CONTROL=0000C000C001
2 OUTPUT OUT OF RANGE,
CONTROL=000C000C003
2 BIAS CHANGES
 72.
 0.
 o.
 ō
 0.
LBVEL
 NEW BIAS =
 -0.77747974
LEVEL
 NEW BIAS =
 -1.42053179
 LEVEL 2
 MS .
 BIAS =
 -1.42053179
 COMP.
0. 0
 COMP.
1. 2
1 IS
2 IS
 OUTPUT
 COMP. 2. 2
 OUTPUT
 OUTPUT
 COMP.
 DUTPUT
 00\PUT
 COMP.
 1.0608533
1.06085
0.
 o. 0
SUM NO.
SUM NO.
 INDENTIFICATION CORRECT NCYCS=000000000014 INDICT=000000000001
 ENPUT HS
MINPS=00000000000007
 1 OUTPUT OUT OF RANGE, NEW BIAS = CONTROL=000900000001
1 OUTPUT OUT OF RANGE, NEW BIAS =
LEVEL
 -0.45231110
LEVEL
 CONTROL -COOGLOGOCOCO

1 OUTPUT OUT OF RANGE, NEW BIAS -

CONTROL -COOCCCOGOCOCO

1 OUTPUT OUT OF RANGE, NEW BIAS -

CONTROL -OOOCCCOCOCOCO
LEVEL
 -1.39993331
LEVEL
```

-0.34718963

· 全心

LEVEL

```
4 8145 CHM25
 0.0000000 BIAS . -1.16302774
 LEVEL 1
 UT ER
G. 6012616
0.
0.
0.
0.
0.
0.
0.
0.
0.
0.
0.
0.
 0.8539629
0.8539629
0.
0.
0.
0.
0.
 0.
0.
0.5321953
0.0464935
0.3490347
 0. 1
13. 1
16. 1
23. 1
26. 1
53. 1
48. 1
53. 1
53. 1
54. 1
 20.
25.
30.
35.
 6. 1
11. 1
16. 1
21. 1
26. 1
36. 1
41. 1
46. 1
51. 1
66. 1
71. 1
 22. 1
27. 1
37. 1
37. 1
42. 1
47. 1
52. 1
57. 1
 0.
0.4123052
 0.
0.0510705
0.
0.
0.
 0.2214354
 71. 1 C.
2 Output out or name:
Contract-correctors
1 6145 CMAYGES
 0.10124978
FEAST
 4145 . 0.18124978
 TEAET 5
 comp. autrut
 Came. Outeut
 COMP. OUTPUT COPP. OUTPUT C. 2 0.7819505 8. 0 0.
 Outful
9,2100495
0,21005
3,74199
 INDENTIFICATION CONNECT
MCVCS-0030000664 INDICT-00300006C001
 50 [12PUT V3
 LEVEL 1 DUTPUT DUT DE RANGE, NEW 61AS = -0.62350001

LEVEL 1 DUTPUT DUT CF RANGE, NEW 61AS = -0.06873353

CONTROL=0005C600C0003

2 81A3 CHANGES
 0.09999999 BIAS .
 -0.04873353
 1
 ris .
 FEAFF
 OUTPUT
 0.
0.3771263
 5. 1
10. 1
 CUTPUT
 0.
 1. 1
4. 1
 OU! PUT
 0.0735700
 0.
0.1340323
 15. 1
20. 1
25. 1
30. 1
35. 1
40. 1
 3.
 0-1475611
 e.
0.
0.0354365
0.0720102
 11. 1
14. 1
21. 1
26. 1
31. 1
36. 1
41. 1
51. 1
54. 1
61. 1
64. 1
71. 1
 0.2048616
 35. 1
40. 1
45. 1
90. 1
55. 1
60. 1
70. 1
 0.
0.0129759
0.
 0.5932504
 0.2292220
 0.
0.1650351
 c.
ว.4071929
 0.
0.05%007
 0.20964BC
 D.
0.2544255
 0. 0.271791 79
 TE. L C.
LEVEL 2 OUTPUT OUT OF RANGE,
CONTROL -COCOGOCCOL
1 BIAS CHANGES
 0utput comp. output comp.
1.7282680 2. 2 0.2326445 0. 0
0.72821
0.23264
 81AS - 0-27179199
 LEVEL 2 MS .
 COMP. OUTPUT 0. 0. 0.
 COMP. QUTPUT
 COMP. OUTPUT
1. 2 7.728
SUM NO. 1 IS 0.728
SUM NO. 2 IS 0.232
 INDENTIFICATION CORRECT MCYCS-OCYGGGGGGGGA INDICT-000000000001
 000 51 14PUT H4
MIMPS-GUODGOOGDOS
 -0.39900178
 -1.49007245
 -1.21730508
 COMP. OL 5.1 10.1 15.1 20.1 25.1 30.1 40.1 45.1 55.1 60.1 45.1 45.1 77.1 17.1 0.0
 -1.21730508
 BIAS =
 COMP. 0
4 4.1
10.1
10.1
20.1
30.1
30.1
40.1
50.1
60.1
 0.09999999
 LEVEL 1 MS .
 OUTPUT
1 0.
1 0.
1 0.
1 0.
 0.7462914
0.
0.
 OUTPUT
 OUTPUT
0.
0.
0.
 cone.
 COMP.
 0.5244470
 1. 1
6. 1
11. 1
21. 1
26. 1
31. 1
36. 1
41. 1
51. 1
56. 1
61. 1
 0.
0.0238149
0.
0.
0.
0.
0.
0.
0.
0.32C7731
 0.0148490
 0.0168490
0.
0.
0.
0.
0.
0.
0.
0.
 0.
0.3251139
0.
0.
0.
0.
0.
 LEVEL CONTROL OUT OF RANGE, NEW SIAS = LEVEL CONTROL GOOCGCOODGOL VEW SIAS = CONTROL GOOCGCOOCGO
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2 RIAS CHANGES
 0.42140356
 1.00000
 140ENTIFICATION CORRECT
CS=0000000000014 INI
 IND [CT-022000000001
 NCTCS-00
 1 OUTPUT OUT OF RANGE, WEW BIAS = CONTROL=609C3000G001
1 OUTPUT OUT OF RANGE, NEW BIAS = CONTROL=900C00GC301
1 OUTPUT OUT OF RANGE, NEW BIAS = CONTROL=00C320000001
1 OUTPUT OUT OF RANGE, NEW BIAS = CONTROL=00C00C0003
LEVEL
 0.206333330
 0.40411103
 0.64488259
A FVEL
 LEVEL
 3
 MS .
 0.0999999
 BIAS .
 0.56549682
 OUTPUT
 COMP.
 OUTPUT
 C.1310041
 2. 1
7. 1
 0.1079701
 1. 1
 0.1454934
 0.1575136
 0.2770903
0.1419367
 8.
 0.0677993
0.1594647
 15. 1
76. 1
 0.0199564
0.0982392
 0.
0.1019946
0.1549026
 16. 1
21. 1
26. 1
 0.
0.2210712
 0.
0.1919220
 22. 1
 23.
 29.
34.
39.
 0.1114045
 0.1444345
0.0055404
0.0149324
 33.
40.
46.
33.
66.
70.
 31. 1
 0.2379020
 32. 1
37. 1
 0.0037899
 0.2115912
 36.
 0.1553275
 44.
49.
54.
59.
 0.1127206
 43.
 111
 46. 1
51. 1
 0.0721579
 0.0911900
 0.
0.2634710
0.2094879
 52. 1
 0.1129195
 0.0740045
 58.
 0.
0.3275497
 47. 1
 71. 1 0.046C508
2 QUIPUT OUT OF RANGE,
CONTROL-GOOGOOODOO1
2 QUIPUT OUT OF 'ANGE,
 0.0582845
 0.48890652
 LEVEL
 CONTROL =0000000000003
2 2145 CHANGES
 LEVEL 2
 MS .
 BIAS =
 0.48890652
 COMP.
0. 0
 OUTPUT
 OUTPUT
 COMP. 2. 2
 COMP.
 1. 2
1 IS
2 IS
 1.0900000
 1.00000
 | IDENTIFICATION | INCORRECT. | NCYCS=00000000013 | INDICT=000000000001
*** 53 [NPUT H5
H1NPS=000000000000004
LEVEL 1 OUTPUT OUT OF RANGE, NEW STAS =

"" CONTACL=OCOCCOOOOOO

LEVEL 1 OUTPUT OUT OF RANGE, NEW STAS =

"" CONTROL=JOCOCCOOOOOO

LEVEL 1 OUTPUT OUT OF RANGE, NEW STAS =

"" CONTACL=OCOCCOOOOOOO

LEVEL 1 OUTPUT OUT OF RANGE, NEW STAS =

"" CONTACL=OCCCOOOOOOO

RITHMETICC OVERELOW OCCURED AT LOC 22135

LEVEL 1 OUTPUT OUT OF RANGE, NEW STAS =

"" CONTACL=OCOCCOOOOOO

ARITHMETICC OVERELOW OCCURED AT LOC 22135

LEVEL 1 OUTPUT OUT OF RANGE, NEW STAS =

"" CONTROL=COCCCOOOOOO

ARITHMETICC OVERELOW OCCURED AT LOC 22135

LEVEL 1 OUTPUT OUT OF RANGE, NEW STAS =

"" CONTROL=JOCOCOOOOOO

ARITHMETICC OVERELOW OCCURED AT LOC 22135

LEVEL 1 OUTPUT OUT OF RANGE, NEW STAS =

"" CONTROL=JOCOCOOOOOOO

LEVEL 1 OUTPUT OUT OF RANGE, NEW STAS =

"" CONTROL=JOCOCOOOOOOO
 0.06944443
 0.20033330
 0.48611103
 13.27718914
 6.88165009
 3.64388057
 2.08499581
 1.20555343
LEVEL
 0.88583424
LEVEL 1 OUTPUT OUT OF RANGE. NEW BIAS =

CONTROL=200C0C0G007

LEVEL 0.01 OF RANGE. NEW BIAS =

CONTROL=COCCCCCCG007

LEVEL 1 OUTPUT OUT OF RANGE. NEW BIAS =

CONTROL=200C000C007

LEVEL 0.01 OF RANGE. NEW BIAS =

CONTROL=00C000C007

LEVEL 1 OUTPUT OUT OF RANGE. NEW BIAS =

CONTROL=C00C000C007
 0.48597145
 0.58604136
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· William

0.43400450 0.46098938

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 0.0737242
 0.0746514
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 0.2320632
 9-0755446
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0.0667515
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0.1014453
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63.
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0.0061447
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0.1071327
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6.0783536
 0.1023270
0.0613413
0.0073704
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 OUTPUT OUT OF RANGE, YEN BIAS .
 2.13249047
 ONTROL -0000000000007
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LEVEL
 2 OUTPUT OUT OF RANGE, YEW RIAS .
 0.90012444
 CONTINUE - CONCESCOSOGOT 2 CUTPUT OUT OF RANGE, YEN BIAS -
 1.11210694
 2 Set Per Out Of RANGE
LEVEL
 E. WEW BIAS .
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 1.01015500
 0.2602364
0.26034
0.64296
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2 15
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 LANCE NO
 INCORRECT.
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 MCYCSa
 1 OUTPUT OUT OF RANGE, NEW BIAS -
CONTROL-COCCOCCCCC
1 OUTPUT OUT OF RANGE, NEW BIAS -
LEVEL
 0.20033330
LEVEL
 0.40611103
 DATROL-000CC00000001
GUTPUT OUT OF RANGE, WEN BIAS =
LEVEL
 ONTROL-COOGGOCCOOL
OUTPLT OUT OF RANGE, NEW BIAS .
LEVEL
 LOUTPUT OUT OF RANG
CONTROL-000000000005
 GE, NEW BIAS -
 L OUTPUT OUT OF RANGE, NEW BIAS -
CONTROL-0000C0000005
L OUTPUT OUT OF RANGE, NEW BIAS -
reast
LEVEL
 0.72916654
 CONTROL =000C000000005
8 BIAS CHANGES
 LEVEL
 MS -
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 0.09999999
 BIAS .
 0.72914454
 OUTPUT
 0.0036773
0.0344180
0.0548634
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0.0694608
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 4.
 0.0707667
 0.0410287
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 13.
 6. 1
11. 1
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 0.0488500
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 22. 1
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 0.50000000
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 2.29622856
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LEVEL
 0.94905715
 LEVEL
 0.72452858
FEAET
 0.83679286
LEVEL
 0.89292499
 CONTROL=00000000007
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| 127C5+C298820C914 | 138
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 *1995-0000009ctcc2
 NEVES-RUCGGGGGGGGG
 190107-002200000001
 LEVEL 1 GUTPUT OUT OF MANGE, NEW BIAS *

CONTROL=DGCCNOBGOG1
1 GUTPUT OUT OF RANGE, NEW BIAS *

CONTROL=DOCCOORDOG3
2 BIAS CHANGES
 0.02350222
 5.040

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66. 1 0.54654
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71. 1 0.
6 9185 CHANGES
 0.54C5420
 LEVEL 2
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1. S
2 IS
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 *** 57 | 14PUT H5
#14PS**0030600000001
 INDENTIFICATION CORRECT
NCYCS=000000000014 INDICT=033000000001
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**78**558 **42**370

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& BIAS CHATGES
 -1.22055572
 BIAS -
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 MS .
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 37. 1
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2 Butput nut of RANGE
CONTROL-00000000001
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 BIAS .
 -0.08962006
 LEVEL
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 COMP.
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1 IS
 2. 2
 1.0096201
 1.08962
 INDENTIFICATION CORRECT
 IMPUT VA
INCORRECT RESPONSES THIS CYCLE . 2
MINPS-0000000CCC14 NCYCS-00000000014
 IND ICT=000000000001
 1 OUTPUT OUT OF RANGE, NEW BIAS = CONTROL=COCCOGCCOOL
2 OUTPUT OUT OF RANGE, NEW BIAS = CONTROL=COCGOGCOCO
3 OUTPUT OUT OF RANGE, NEW BIAS = CONTROL=COCGOGCOCOOL
2 OUTPUT OUT OF RANGE, NEW BIAS = COMTROL=COCGOGCOCOCOCCC
rever.
 -0.37727386
 -0.67258547
FEAFF
LEVEL
FEAEL
 -1.26320870
 L OUTPUT DUT OF RAMEE, NEW BIAS -
CONTROL -000G00000003
L OUTPUT OUT OF RAMEE, NEW BIAS -
CONTROL -C00000000007
L OUTPUT OUT OF RAMEE, NEW BIAS -
CONTROL -000GC0000007
6 BIAS CHANGES
FEAST
 -1.11555290
LEVEL
 -1-04172501
 LEVEL
 MS =
 C.09999999
 BIAS .
 -1.04172501
 1
 OUTPUT
1 0.9331935
 COMP.
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OUTPUT OUT OF RANGE, MEN B
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reasr
 2 OUTPUT OUT OF RANGE, NEW BIAS -
COMTROL-OCOGOOOOCOOI
2 OUTPUT OUT OF RANGE, NEW BIAS -
CUNTROL-OCCGOOOOOOI
2 OUTPUT OUT OF RANGE, NEW BIAS -
CONTROL-COGOGOOOOOI
2 OUTPUT OUT OF RANGE, NEW BIAS -
 -1.49999996
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 LEVEL
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 -2.74999991
FEAST
 7 BEAS CHANGES
 -2.62499994
 BIAS -
 MS .
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 001PUT
0.9975561
0.99756
 COMP.
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 SUM NC.
SUM NC.
 | INDENTIFICATION | CORRECT | NCYCS=0000000014 | INDICT=000000001
 menes Succession States
 & OUTPUT OUT OF RANGE, NEW BIAS .
 -0.38437611
 LEYEL
 CONTROL DUT OF RANGE, NEW BIAS & CONTROL DUT OF HANGE, NEW BIAS & CONTROL DUT OF RANGE, NEW BIAS & CONTROL DUTCOORT
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 -1.85444275
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|           | 4 BIAS CHANGES                           |                                |                            |                                     |                                            |
|-----------|------------------------------------------|--------------------------------|----------------------------|-------------------------------------|--------------------------------------------|
| LE        | VEL 1 MS .                               | 0.09999999 BIAS =              | -1.40692609                |                                     |                                            |
| COM       | P. OUTPUT<br>. 1 0.3201(\2               | COMP. OUTPUT                   | COMP. OUTPUT               | COMP. OUTPUT                        | COMP. OUTPUT                               |
| •         | . 1 0.                                   | 7. 1 6.5725320                 | <b>9.</b> 1 0.             | 9. 1                                | 10. 1 0.                                   |
|           | . 1 0.5699676<br>. i C.                  | 12. 1 0.<br>17. 1 C.           | 13. 1 0.<br>18. 1 0.       | 14. 1 0.<br>19. 1 0.                | 15. 1 0.<br>20. 1 0.5053247                |
| 21.       | . 1 0.                                   | 22. 1 G.                       | 23. 1 0.                   | 24. l                               | 25. 1 9.                                   |
|           | . 1 0.<br>. 1 0.2267141                  | 27. 1 0.<br>32. 1 0.2433319    | 28. 1 C.<br>33. 1 C.       | 29. 1 0.<br>34. 1 0.                | 30. 1 8.525\269<br>35. 1 0.                |
| 36        | . 1 C.                                   | 37. 1 C.                       | 38. 1 0.                   | 39. 1 0.                            | 40. 1                                      |
| *1.       | . l 0.                                   | 42. 1 G.<br>47. 1 G.           | 43. 1 0.577862<br>46. 1 0. | 1 44. 1 0.<br>44. 1 0.245394        | 45. 1 0.<br>4 50. 1 0.                     |
| 51.       | . 1 0.                                   | 52. 1 0.                       | 53. 1                      | 54. 1 0.491490                      | 6 55. 1 0.                                 |
| 61.       | . 1 7.<br>. 1 G.5469830                  | 57. l 0.<br>62. l D.           | 50. 1 C.<br>63. 1 C.       | 59. 1 0.<br>64. 1 0.                | 66. L 0.<br>65. l 0.                       |
|           | . 1 0.                                   | 67. 1 0.                       | 60. 1 C.                   | 49. 1 0.                            | 70.1 0.                                    |
|           | . 1                                      | 72.1 0.<br>E, NEW BIAS = 0.300 | 0.0 0.<br>30240            | 0. 0 0.                             | 0. 0 0.                                    |
|           | NTROL=CGGC00000001<br>DUTPLT OUT OF RANG |                                | ALAAAT.                    |                                     |                                            |
| ** COI    | NTROL - COOCCOOCOO3<br>2 BIAS CHANGES    |                                |                            |                                     |                                            |
| LE        | VEL 2 HS =                               | 0. 0IAS =                      | 0.60060483                 |                                     |                                            |
| COMI      | P. OUTPUT                                | COMP. OUTPUT                   | COMP. OUTPUT               |                                     | COMP. OUTPUT                               |
|           | . 2 0.<br>lis o.                         | 2. 2 1.000000C                 | 0. 0 0.                    | 0. C 0.                             | •• • ••                                    |
|           | 2 15 1.0COCC                             |                                |                            |                                     |                                            |
| *** 40    | INPUT VI I                               | NDENTIFICATION CORRECT         |                            |                                     |                                            |
|           | GHTS FROM RESULT O                       |                                |                            |                                     |                                            |
| WEN 0-851 | BALL PROP RESOLUTION                     | r IMPUI <b>6</b> 0             |                            |                                     |                                            |
|           |                                          |                                |                            |                                     |                                            |
| CO        | MPONENT 1.1 G-                           |                                |                            |                                     |                                            |
|           | 0.50483704<br>0.44351196                 | 0.57144145<br>0.50842285       | G.50755310<br>O.48423767   | 0.49247578<br>-0.08845354           |                                            |
|           | -0.43121033                              | -0.48261719                    | -0.57592773                | -0.42919617                         |                                            |
|           | -0.49812317<br>0.68693542                | 0.67668152<br>0.57379150       | 0.68693542<br>0.10511780   | 0.39474487<br>0.                    | 0.87548645<br>-0.44836750                  |
|           | -0.45782471                              | -0.75628662                    | -0.57339478                | -0.26501445                         |                                            |
|           | -C.45782471                              | -0.75628662                    | 0.                         | 0.                                  | 0.                                         |
| COP       | APANENT 2. 1 G-1                         | EIGHTS                         |                            |                                     |                                            |
|           | 0.67207336                               | C.39421082                     | 0.48683167                 | 0.51678467                          |                                            |
|           | 0.40756743<br>-0.63948059                | 9.44023132<br>-0.57702437      | 0.67083740<br>-0.42082214  | -0.63281250<br>-0.37765503          | -0.32751465<br>-0.56199646                 |
|           | -0.46191406<br>0.42254639                | 0.                             | 0.64828491                 | 0.92308044                          | 0.92300044                                 |
|           | -0.41779630                              | 0.22807312<br>-0.33425903      | 0.29002380<br>-0.33425903  | 0.56483459<br>-0.41712426           | -0.54008911<br>-0.96497069                 |
|           | -0.33425903                              | -0.41711426                    | 0.                         | 0.                                  | 0.                                         |
| COM       | IPONENT 3.1 G-1                          | MEIGHTS                        |                            |                                     |                                            |
|           | C.53656523<br>C.53533936                 | 0.48968506<br>0.47817688       | 0.36002673<br>0.47946167   | 0.52731323                          | 0.38439941                                 |
|           | -0.47030640                              | -G.52290344                    | -0.58015442                | -0.078 <b>88</b> 794<br>-0.74917403 | -0.57296726<br>-0.47598694                 |
|           | -0.5295#679<br>0.57395935                | 0.<br><b>0.86236</b> 572       | 1.00000000<br>0.06363967   | 0.06236572<br>0.34069824            | 0.29690552                                 |
|           | -0.78222656                              | -0.36145020                    | -0.48908997                | -0.20851135                         | -0.36145020<br>-0.36145020                 |
|           | -0.48909997                              | -0.94648743                    | C.                         | 0.                                  | 0.                                         |
| COM       | IPONENT 4.1 G-1                          | HEIGHTS                        |                            |                                     |                                            |
|           | 0.53968311                               | 0.45059204                     | 0.47242737                 | 0.51199660                          | 0.47427258                                 |
|           | 0.51007080<br>-0.53631592                | 0.50892639<br>-0.43466187      | 0.52925110<br>-C.66853333  | -0.60971069                         | -0-17846600                                |
|           | -0.54162599                              | 0.63815308                     | 0.66653442                 | -0.45834351<br>0.66964722           | -0.571#97 <b>86</b><br>0.311 <b>4949</b> 1 |
|           | 0.28041077<br>-0.46488953                | 0.45854187<br>-0.43650818      | 0.48692322<br>-0.79116821  | 0.48692322<br>-0.82267761           | -0-14962769                                |
|           | -0.43338013                              | -0.46488953                    | 0.                         | 0.                                  | -0.43 <b>6508</b> 18<br>0.                 |
| COM       | IPCMENT 5. 1 G-1                         | IEIGHTS                        |                            |                                     |                                            |
|           | 0.46734456                               | G.42402649                     | C.43620300                 | 0.45481873                          | 0.05624695                                 |
|           | 0.42536726<br>-0.49438477                | 0.49288940<br>-0.48057556      | 0.44287109<br>-0.59352112  | -0.47863770<br>-0.5 <b>89</b> 03503 | -0.57264709<br>-0.49514296                 |
|           | -0.29553740                              | 0.74481519                     | 0.78292847                 | 0.                                  | 0.                                         |
|           | C.#3361316<br>-3.5513616#                | 0.78292847<br>C.               | 0.83361816<br>-0.72470093  | 0.<br>-0.36151123                   | -0.36151123<br>-0.55134108                 |
|           | -0.72470393                              | -0.72470093                    | 0.                         | 0.                                  | 0.                                         |
| COM       | PRINENT 6.1 G-1                          | IEIGHTS                        |                            |                                     |                                            |
|           | 0.51640320<br>0.46296311                 | 0.43306897<br>0.33988953       | C.36946106                 | 0.40471997                          | 0.99302673                                 |
|           | -0.52404755                              | -0.19C07974                    | 0.28140259<br>-0.58981323  | -0.57943724<br>-0.48804743          | -0.75294495<br>-0.60330200                 |
|           | -0.27189636<br>C.87925720                | 0.<br>0.94474792               | 0.87925720                 | 0.94474792                          | 0.                                         |
|           | -0.48947144                              | -0.63511658                    | 0.35194397<br>0.           | 0.<br>-0.4 <b>89</b> 47144          | 0.<br>-0.63511458                          |
|           | -0.84039307                              | -0.91041565                    | 0.                         | 0.                                  | 0.                                         |
|           |                                          |                                |                            |                                     |                                            |

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| COMPONENT 7. 1                          | G-WEIGHTS                                   |                                            |                                    |                                                     |
|-----------------------------------------|---------------------------------------------|--------------------------------------------|------------------------------------|-----------------------------------------------------|
|                                         |                                             | A 64666147                                 | A 33434144                         | A 31951441                                          |
| 0.91869962<br>0.41111735                | 0.7722 <b>0</b> 154<br>0.34342957           | 0.54055347<br>0.33563232                   | 0.33618164<br>-0.61396790          | 0.33352641                                          |
| -0.60917854<br>-0.61363229              | -6.41196999<br>6.50636261                   | -0.58700542<br><b>0.5</b> 4987000          | -0.61496016<br><b>0.</b> 03267212  | -0.34858704<br>0.54987000                           |
| 9.83267212<br>-9.39634239               | 0.40456738<br>-e.56211053                   | 0.<br>-0.58276347                          | 0,<br>-0.60540771                  | -0.20 <del>09991</del><br>-0.39636230               |
| -0.54211853                             | -0.50540771                                 | 0.                                         | 0.                                 | 0.                                                  |
| CONFCHENT S. 1                          | G-WEIGHTS                                   |                                            |                                    |                                                     |
| 0.45726613                              | 0.44526472                                  | 0.51293945<br>C.47827148                   | 0.44833801<br>-0.48025513          | 0.45674133                                          |
| 0.61759839<br>-0.52845764               | 0.54137065<br>-0.50550642                   | -0.48957397                                | -0.52059937                        | -0.48454285<br>-0.52593994                          |
| -0-494949G2<br>0-83226 <b>9</b> 13      | <b>0.4</b> 3224013<br><b>0.</b> 23173523    | 0.426419 <b>0</b> 7<br>9.1835 <b>0</b> 220 | 0.23173523<br>0.46182251           | 0.5 <del>999450</del> 7<br>-0.35 <del>97564</del> 7 |
| -G.56762699<br>-0.31G46791              | -0.4740 <b>6948</b><br>-0.4740 <b>69</b> 48 | -0.35975647<br>0.                          | -0.567626 <b>9</b> 5<br>0.         | -0.89162231<br>0.                                   |
| COMPONENT 9. 1                          | G-WEIGHTS                                   |                                            |                                    |                                                     |
| 0.39926311                              | 0.54408264                                  | 0.27430430                                 | 0.49513245                         | 0.55795288                                          |
| G.47792053<br>-0.46121216               | 0.46155212<br>-0.47380720                   | 0.56944275<br>-0.53544617                  | -0.536437 <b>99</b><br>-0.51303101 | -0.40478352<br>-0.55783881                          |
| -0.51771545<br><b>0.2667083</b> 7       | 0.95635986<br>0.57344055                    | 0.08551025<br>0.24209340                   | 0.26670837<br>0.63185120           | 0.954359 <b>6</b> 4<br>-0.02 <b>050</b> 342         |
| -0. <del>5</del> 1447449<br>-0.42477307 | -0.42677307<br>-0.42677307                  | -0.50219727<br>0.                          | -0.8476 <b>0</b> 677               | -0.42677307                                         |
|                                         |                                             |                                            | <b>V•</b>                          | •                                                   |
| COMPONENT 10. 1                         | G-WEIGHTS                                   |                                            |                                    | A A                                                 |
| 0.46464539<br><b>0.9</b> 8184204        | 0.17906189<br>0.29225159                    | 0.69317627<br>0.22052002                   | 0.21865845<br>-0.61257935          | 0.94955444<br>-0.74136353                           |
| -C.68205261<br>-O.66357422              | -0.66429138<br>0.86879395                   | -0.09858704<br>0.94326782                  | -0.53483582<br>0.08177185          | -0.00251770<br>0.01067000                           |
| 0.16197205<br>-0.62797546               | 0.84879395<br>-0.40540771                   | 0.94326782<br>-0.43673706                  | 0.08177185<br>-0.01202393          | -0.40540771<br>-0.47015074                          |
| -0.40540771                             | -0.43473706                                 | 0.                                         | 0.                                 | 0.                                                  |
| COMPONENT 11. 1                         | G-WEIGHTS                                   |                                            |                                    |                                                     |
| C.38442830                              | 0.35468274                                  | 0.38548279                                 | 0.38722229                         | 0.39949036                                          |
| 0.35903931<br>-0.56530762               | 1.00000000<br>-0.56347656                   | 0.68740345<br>-0.56495667                  | -0.55590820<br>-0.56385803         | -0.59504700<br>0.                                   |
| -0.59134943<br>C.45277100               | 0.65277100<br>0.43273926                    | 0.45542603<br>0.36534119                   | 0.38603647<br>0.                   | <b>0.65277100</b><br><b>-0.38580</b> 322            |
| -0.63642683<br>-0.63642883              | -0.72047424<br>-0.38580322                  | -0.46658325<br>0.                          | -0.38580322<br>0.                  | -0.3825235#<br>0.                                   |
| COMPONENT 12. 1                         | G-WEIGHTS                                   |                                            |                                    |                                                     |
| C.43487549                              | 0.48585510                                  | 0.41624451                                 | 0.55310059                         | 0.76104736                                          |
| 0.46171570<br>-0.57095337               | G.45422363<br>-0.59797668                   | 0.43251038<br>-0.61045837                  | -0.74417114<br>-0.45164490         | -0.44326782<br>-0.58555603                          |
| -0.49540710                             | 0.1,4492688                                 | 0.<br>0.70712280                           | 0.82389832                         | 0.35749707                                          |
| -0.42029016                             | 0.82389832<br>-0.77742004                   | -0.56192017                                | 0.56929016<br>-0.30029297          | -0.30029297<br>-0.56192017                          |
| -0.77742004<br>COMPONENT 13. 1          | -0.30029297<br>G-WEIGHTS                    | 0.                                         | 0.                                 | 0.                                                  |
| 0.46875000                              | G.44424438                                  | 0.43954468                                 | 0.59014893                         | 0.54275513                                          |
| 0.54472351<br>-C.41865540               | 0.41838074<br>-0.53829956                   | 0.55134583<br>-0.44338989                  | -0.56205750<br>-0.46162415         | -0.48167419<br>-0.60221863                          |
| -0.49203491                             | 0.19607544                                  | 0.97573053                                 | 0.39204407<br>0.19607544           | 0.19407544<br>-0.32900024                           |
| 0.67604065<br>-0.78390476               | 0.97573853<br>-0.97294617                   | 0.39204407<br>-0.50895691                  | -0.31900024                        | -0.78300474                                         |
| -0.15695190                             | -0.15695190                                 | 0.                                         | c.                                 | 0.                                                  |
| COMPONENT 14. 1                         | G-WEIGHTS                                   |                                            |                                    |                                                     |
| 0.48699951<br>0.43957520                | 0.43634033<br>0.51777649                    | 0.54223633<br>0.49574280                   | 0.51387024<br>-0.50315857          | 0.56660461<br>-0.54119873                           |
| -0.57246399<br>-0.58246204              | -0.398330 <b>69</b><br>0.1207 <b>68</b> 57  | -C.58122253<br>0.                          | -0.42254639<br>0.76968384          | -0.39744568<br>0.98925781                           |
| 0.171585CR<br>-0.57334900               | 0.7334442 <u>1</u><br>-0.27537537           | 0.90661621<br>-0.27537537                  | 0.30453271<br>-0.91899109          | -0.83218384<br>-0.57334900                          |
| -0.27537537                             | -0.27537537                                 | 0.                                         | 0.                                 | 0.                                                  |
| COMPONENT 15. 1                         | G-YEIGHTS                                   |                                            |                                    |                                                     |
| 0.39212036                              | 0.38359070                                  | 0.56152344                                 | 0.46079712                         | 0.41528320<br>-0.51487732                           |
| C.39044189<br>-0.52310181               | 0.81643677<br>-0.54568481                   | 0.37937927<br>-0.51843262                  | -0.31919041<br>-0.55249023         | -0.54078235                                         |
| -0.47683716<br>C.75646973               | 0.<br>0.45470886                            | 0.30003540<br>0.30003540                   | 0.58537292<br>0.24253044           | 1-0000000<br>-0.44963501                            |
| -C.41731242<br>-C.69 <del>3</del> 6G022 | -0.49960022<br>-0.49198914                  | -G.49198914<br>0.                          | -0.3123 <del>93</del> 19<br>0,     | -0.41 <b>73126</b> 2<br>0.                          |
| COMPONENT 16. 1                         | 3-WEIGHTS                                   |                                            |                                    |                                                     |
| 0.440#2336                              | 0.50077920                                  | 0.45042419                                 | 0.47377014                         | 0.39837646                                          |
| 0.49636641                              | 0.52249146                                  | C.51676441<br>-0.56880188                  | -0.47370911<br>-0.48497009         | -0.50349424<br>-0.57832334                          |
| -0.56672476<br>0.67178345               | 0.67178345<br>0.64613342                    | C.44613342<br>O.51399231                   | 0.12246704<br>0.43176744           | 0.29548645<br>-0.42379761                           |
| -6.77436829                             | -G.42379761<br>-0.42379761                  | -6.39814758<br>C.                          | -0.42379741<br>0.                  | -0.77436829<br>0.                                   |
| -0.35728455                             | -V+46J17/ <b>31</b>                         | ••                                         | ••                                 | <b>V</b> •                                          |

| COMPONENT 17. 1                         | G-WEIGHTS                                               |                                       |                            |                                         |
|-----------------------------------------|---------------------------------------------------------|---------------------------------------|----------------------------|-----------------------------------------|
|                                         |                                                         |                                       |                            |                                         |
| 0.55888367<br>0.44969177                | 0.47647095                                              | 0.45378113                            | J-550170 <del>9</del> 0    | 0.54376221                              |
| -0.4345C72R                             | 0.45036316<br>-0.49375916                               | 0.51594543<br>-0.55102537             | -0.51892090<br>-0.57197571 | -0.40984993<br>-3.44489981              |
| -0.47924905                             | 0.24004653                                              | 0.87944031                            | 0.24004453                 | 0.00444000                              |
| 0.72876674                              | G.72020674                                              | 0.24004653                            | 0.00071296                 | -0.31460952<br>-0.31460952              |
| -0.34216309<br>-0.95899963              | -0.47564697<br>-0.31600952                              | -0.31 <del>60095</del> 2              | -0.95899963                | -0.31400952                             |
| *************************************** | -0131000132                                             | G.                                    | 0.                         | 0.                                      |
| COMPONENT IS. 1                         | G-WEIGHTS                                               |                                       |                            |                                         |
| C.46131897                              | 0.46083069                                              | C.51118469                            | 0.44040104                 | a 40000000                              |
| 0.47232054                              | 9.51873779                                              | 0.48748779                            | 0.44940186<br>-0.53672791  | 9.63625109<br>-0.53510022               |
| -0.43367004                             | -G.19943237                                             | -0.58381653                           | -0.53471245                | -0.61563613                             |
| -0.55638123                             | 0.89765930                                              | 0.40188293                            | 0.92292766                 | 0.42713423                              |
| G.14647078<br>-0.34953735               | 0.4452514 <b>6</b><br>-0.37 <del>9</del> 653 <b>9</b> 3 | 0.32546997<br>-0.23155212             | 0.03083362<br>-0.57189941  | -0.7444417<br>-0.95238440               |
| -0.36953735                             | -0.37965393                                             | C.                                    | 0.                         | 9.                                      |
| COMPCHENT 10 1                          | C-MELCHTE                                               |                                       |                            |                                         |
| COMPCNENT 19. 1                         | G-WEIGHTS                                               |                                       |                            |                                         |
| 0.47384444                              | 0.56336975                                              | C.43365479                            | 0.44656372                 | A 434477000                             |
| 0.41178894                              | 0.48876953                                              | 0.54774475                            | -0.54710815                | 0.43467898<br>-0.49499512               |
| -0.52461243<br>-0.52978316              | -0.49162292                                             | -0.47167969                           | -0.43504333                | -0.49426617                             |
| 0.57574443                              | 0.09793091<br>0.7728818                                 | 0.97596741<br>0.20237732              | 0.97596741<br>0.09793091   | 0.30102539                              |
| -0.45297241                             | -0.15721130                                             | -0.72761536                           | -0.55738031                | -0.55730031<br>-0.15721130              |
| -0.83203125                             | -0.55738831                                             | 0.                                    | 0.                         | 0.                                      |
| COMPONENT 2G. 1                         | G-WEIGHTS                                               |                                       |                            |                                         |
|                                         | mu; um : 3                                              |                                       |                            |                                         |
| 0.54301453                              | 0.46047974                                              | 0.45695496                            | 0.49714661                 | 0.53294373                              |
| 0.55061340<br>-C.23518372               | 0.51663208                                              | 0.44213867                            | -0.50138855                | -0.56564167                             |
| -0.56489453                             | -0.49447632<br>0.73501587                               | -0.465 <b>9</b> 2712<br>0.72792053    | -0.41633301                | -0.55323792                             |
| 0.64741516                              | 0.61589050                                              | 0.14202881                            | 0.72792053<br>0.17355347   | <b>0.22962952</b><br><b>-0.37409973</b> |
| -0.39854431                             | -0.87237549                                             | -0.37409973                           | -0.37409973                | -0.39054431                             |
| ~0.84083557                             | -0.34701945                                             | 0.                                    | 0.                         | 0.                                      |
| COMPONENT 21. 1                         | G-WEIGHTS                                               |                                       |                            |                                         |
|                                         |                                                         |                                       |                            |                                         |
| 0.41787720<br>0.50920105                | 0.54158020<br>0.46701050                                | 0.41171265                            | 0.61181641                 | 0.63171307                              |
| -0.48100281                             | -0.53721619                                             | 0.40830 <del>994</del><br>-0.52592468 | -0.53579712<br>-0.35571289 | -0.53715515                             |
| -0.54075623                             | 0.76554871                                              | 0.71234131                            | 0.39761353                 | -0.48553467<br>0.39476013               |
| 0.40766907                              | 0.36917114                                              | 0.50257874                            | 0.44937134                 | -0.59647156                             |
| -0.58932495<br>-0.58647156              | -0.60688782<br>-0.58 <b>7</b> 324 <b>9</b> 5            | -0.55081177                           | -0.21852112                | -0.27174377                             |
|                                         | -0470732473                                             | C.                                    | 0.                         | 0.                                      |
| COMPONENT 22. 1                         | G-WEIGHTS                                               |                                       |                            |                                         |
| 0.39201355                              | 0.45727539                                              | A 20023616                            |                            |                                         |
| 0.49815369                              | 0.39047241                                              | 0.38827515<br>0.48544312              | 0.38827515<br>-0.48481750  | 1.00000000                              |
| -0.56677246                             | 0.                                                      | -0.60044861                           | -0.60527039                | -0.50068848<br>-0.55647114              |
| -0.60527039                             | 2.00534058                                              | 0.83779907                            | 0.83779907                 | 0.01967163                              |
| 0,00534058<br>-0,71780396               | 0.<br>-0.71760396                                       | 0.78207397<br>-0.56791687             | 0.71189880                 | -0.63531494                             |
| -0.67531464                             | -0.71780396                                             | 0.                                    | -0.0079 <b>0</b> 035<br>0. | 0.<br>0.                                |
| CHMLCHENT 33 1                          | A 11844                                                 |                                       |                            | •                                       |
| CUMPEMENT 23. 1                         | G-WEIGHTS                                               |                                       |                            |                                         |
| 0.47650146                              | 0.49629211                                              | (°-51007080                           | 0.53532410                 | 0.48123169                              |
| 0.51155390                              | 0.48405457                                              | C-50448608                            | -0.52517700                | -0.42771912                             |
| -0.51864624<br>-0.53752563              | -0.42523193<br>0.47709656                               | -0.54838562<br>0.47709656             | -0.48410034                | -0.51200212                             |
| C.27993774                              | 0.51197615                                              | 0:54307556                            | 0.71295166<br>0.41381836   | 0.58369446<br>-0.65869588               |
| -0.35534668                             | -0.45350647                                             | -0.45350647                           | -0.45350647                | -0.45380447                             |
| -0.45359647                             | -0.72622681                                             | 0.                                    | 0.                         | 0.                                      |
| COMPONENT 24. 1                         | G-MEIGHTS                                               |                                       |                            |                                         |
|                                         |                                                         | <u>.</u>                              |                            |                                         |
| 0.51802063<br>0.52497864                | 0.56930542<br>0.56825256                                | 0.53242493                            | 0.28562927                 | 0.60520564                              |
| -0.34873118                             | -0.53 <b>628</b> 430                                    | 0.39604187<br>-0.55360413             | -0.35659790<br>-0.47054580 | -0.55093304<br>-0.44821147              |
| -0.73243713                             | 0.06555176                                              | 0.90107727                            | 0.27259827                 | -0.44621167<br>0.32737732               |
| 0.93215942<br>-0.30929365               | 0.90107727                                              | 0.27259427                            | 0.32737732                 | -0.37822290                             |
| -0.30929565                             | -0.42236326<br>-3.42236328                              | -0.91160583<br>0.                     | -0.80050642<br>0.          | -0.37222290                             |
|                                         |                                                         | •                                     | •                          | 6.                                      |
| COMPCHENT 25. 1                         | G-MEIGHTS                                               |                                       |                            |                                         |
| 0.64677429                              | 0.4772033;                                              | C-48194885                            | A                          |                                         |
| 0.46294485                              | G.49642944                                              | 0.48393250                            | 0.46879578<br>-0.55247498  | 0.48204041                              |
| -0.56665639                             | -0.44020001                                             | -0.38471985                           | -0.44200134                | -0.47415161<br>-0.556 <b>2</b> 5916     |
| -0.5°,;20018<br>0.76252747              | 0.76252747                                              | 0.43486023                            | 0.31803894                 | 0.32911602                              |
| -6.56226638                             | 0.31803894<br>~0.22360229                               | 0.53727722<br>-0.46801453             | 0.53727722                 | -0.35120650                             |
| -0.5312C850                             | -6.56228638                                             | 0.                                    | -0.45693665<br>0.          | -0.22360229<br>0.                       |
| COMPONENT 26. 1                         | G-WEIGHTS                                               |                                       | ••                         | <b>v•</b>                               |
|                                         | - 4618013                                               |                                       |                            |                                         |
| C+25131195                              | 0.47481750                                              | 0.48530579                            | 0.44853438                 | A. 48874464                             |
| 0.46453657<br>-0.46270752               | 0.48741150                                              | 0-48645020                            | -0.50199896                | 0.60073853<br>-0.52844238               |
| -0.52308655                             | -0.54891287<br>0.39447021                               | -0.52578735                           | -0.50849915                | -0.40023894                             |
| C.36865618                              | G.53424072                                              | 0.55982971<br>0.79853821              | 0.02412720<br>0-           | 0.51900591                              |
| -0.49104309                             | -0.18447876                                             | -0.53756714                           | 0.<br>-0.93696594          | -0.49104309<br>-0.48322754              |
| -0.49104309                             | -0.18447976                                             | 0.                                    | 0.                         | 0.                                      |
|                                         |                                                         |                                       |                            |                                         |

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| COMPCHENT 2         | 17. 1                             | G-WEIGHTS                                  |                                               |                                    |                                                |
|---------------------|-----------------------------------|--------------------------------------------|-----------------------------------------------|------------------------------------|------------------------------------------------|
| C-37141             | 14 14                             | 0.41544431                                 | 0.42356673                                    | 0.41677693                         | 0.52551270<br>-0.54624939                      |
| 1.0668              |                                   | 0.41104126                                 | 0.41383362<br>-0.54911864                     | -6.54412842<br>-0.51846150         | -0.25178090                                    |
| -0.51964<br>-0.5594 |                                   | -0.51763916<br>0.1 <b>8</b> 9758 <b>30</b> | 0.92391968                                    | 0.93374434                         | 0.12521362                                     |
| 0.                  | T.                                | 0.92391966                                 | Ŏ <b>.</b>                                    | e.90336609<br>-0.63638208          | -0.70213310<br>-0.70213310                     |
| -0.6103             | 6500                              | 9.<br>-0.6727 <del>9</del> 053             | -0.7021331 <b>4</b><br>0.                     | 0.                                 | 0.                                             |
| c.                  |                                   | -0101217033                                |                                               |                                    |                                                |
| COMPCHENT           | 2e. 1                             | G-HEIGHTS                                  |                                               |                                    |                                                |
| 0.4597              | 4449                              | 0.32350159                                 | 0.41384888                                    | 0.39074233                         | 1.0000000<br>-6.49029541                       |
| 9.4010              |                                   | 0.41364088                                 | 0.41364366<br>-c.59725 <b>9</b> 52            | -0.56300354<br>-0.57974243         | -0.46005237                                    |
| -C.5797<br>-0.3899  |                                   | -0.32014465<br>0.99671936                  | 0.12567139                                    | 0.12440120                         | 9.87154677<br>-0.46977456                      |
| 0.9967              |                                   | 0.12547139                                 | 0.<br>-0.58049011                             | 0.7591 <u>0</u> 950<br>-0.55479156 | -0.50047011                                    |
| -0.0738             |                                   | -6.55499158<br>-0.58049011                 | 0.                                            | 0.                                 | 0.                                             |
| -0-5404             | 4011                              | -0,,00-10.2                                |                                               |                                    |                                                |
| COMPONENT           | 29. 1                             | G-WEIGHTS                                  |                                               |                                    |                                                |
| 0.0175              | 94.44                             | 0.41418347                                 | 0.43687329                                    | 0.4196684<br>-8.48646588           | 0.56344604<br>-0.454 <b>86</b> 630             |
| 0.4459              | 4230                              | 0.47454834<br>-0.58799744                  | 0.40287781<br>-0.53402710                     | -0.53045454                        | -0.57316589                                    |
| -0.6161<br>-0.3030  |                                   | G.27593994                                 | 0.02764893                                    | 0.65435791                         | <b>0.875</b> 61462<br>-0.319274 <del>9</del> 0 |
| 0.2462              | 3535                              | 0.42060852                                 | 0.65672302<br>-0.46974182                     | 0.80270386<br>-0.86145020          | -0.70185852                                    |
| -0.4619<br>-0.4619  |                                   | -C.36256409<br>-O.36256409                 | c.                                            | 0.                                 | 0.                                             |
| -0.4013             | ,,,,,,                            |                                            |                                               |                                    |                                                |
| COMPONENT           | 30. 1                             | G-MEICHIZ                                  |                                               |                                    |                                                |
| 0.4386              | 1493                              | 0.43453974                                 | 1.00000000                                    | 0.42877197<br>-0.42115479          | 0.42137146<br>-0.54161072                      |
| 0.4450              | 02250                             | 0.40057373<br>0.                           | C.43095398<br>-0.49528503                     | -0.53796387                        | -0.63967896                                    |
| -0.5459<br>-0.6186  |                                   | <b>0.</b>                                  | 0.                                            | 0.86669922<br>0.69963074           | 0.29661396<br>-0.80017 <b>69</b> 0             |
| C-463               | 89771                             | C.86649922                                 | 0.80616760<br>-0.98922729                     | -0.30921936                        | -0.36451721                                    |
| -0.3649<br>-0.498   |                                   | -0.36451721<br>-0.30921936                 | a.                                            | Q.                                 | 0.                                             |
| -01470              |                                   |                                            |                                               |                                    |                                                |
| COMPONENT           | 31. 1                             | G-WEIGHTS                                  |                                               |                                    | 0.60958862                                     |
| 0.438               | 41224                             | 0.46714793                                 | 0.50837706                                    | C.56127939<br>-0.62766925          | -0.44015425                                    |
| 0.448               |                                   | 0.48574229<br>-0.31715393                  | 0.48027039<br>-0.24252319                     | -6.53710939                        | -0.52210999                                    |
| -0.447              |                                   | 9, 15 206404                               | 0.57563792                                    | 0.57563702                         | 0. <b>73848</b> 558<br>0.                      |
| 0.725               | ? 34 99                           | 0.11883545                                 | 0.04367065<br>-0.99818420                     | 0.69007019<br>-0.63497925          | -0.26301575                                    |
| -0.337°<br>-0.634°  |                                   | -0.49584961<br>-0.43447925                 | 0.                                            | R.                                 | 0.                                             |
| -0.654              | *****                             |                                            |                                               | •                                  |                                                |
| COMPONENT           | 32. 1                             | 3-WEIGHTS                                  |                                               |                                    | 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4        |
| C.625               | 25414                             | 0.42373709                                 | 0.42078999                                    | 0.48367310<br>-0.60499463          | 0.49 <del>09</del> 1797<br>-0.29906752         |
| 0.418               |                                   | 0.5[354980<br>-0.51020813                  | 0.42248535<br>-C.33757019                     | -6.00305786                        | -0.43217446                                    |
| -0.407<br>-0.672    |                                   | 0.                                         | o.                                            | 0.79760742<br>0.79919434           | 0.79919434<br>-0.23396196                      |
| 0.403               | 945 72                            | 0.40235901<br>-0.25100708                  | 0.79760742<br>-0.65632629                     | -3.64857483                        | -0.45632624                                    |
| -0.630<br>-c.650    |                                   | -0.25260925                                | 0.                                            | 0.                                 | 0.                                             |
|                     |                                   | A 1184 2 184                               |                                               |                                    |                                                |
| COMPONENT           | 33. 3                             | G-WEICHTS                                  |                                               |                                    | 0.48573563                                     |
| 0.485               | 21423                             | 0.48444856                                 | 0.487C7561<br>0.45690796                      | ⇒.58212280<br>-0.55990601          | -0.46147963                                    |
| 0.489<br>-0,414     | 74440                             | 0.49597168<br>-0.55718494                  | -0.56605282                                   | -0.31362915                        | -0,55 <b>590450</b><br>0.87 <del>85795</del> 6 |
| -0-556              | 50530                             | 0,19783020                                 | 0.19461060<br>3.87857056                      | 0.23941040<br>0.23941040           | -0,54741333                                    |
| 0.495<br>-0.970     | 52917                             | 0.87335095<br>-0.52583313                  | -0.57583313                                   | -0.14279175                        | -0.57063293                                    |
| -0.529              |                                   | -9.57043293                                | Ů•                                            | 0.                                 | 0.                                             |
| COMPONENT           | 34                                | R-MEIGHTS                                  |                                               |                                    |                                                |
|                     |                                   |                                            | 0.57896473                                    | 0.35903525                         | 0.47619051                                     |
|                     | 47151<br>82971                    | 0,43334961<br>C.52589417                   | 0.37 <b>876</b> 923<br>0.477416 <b>9</b> 9    | -0.53030625                        | -0.53756604                                    |
| -2.566              |                                   | -0.53059232                                | -0.24966431                                   | -0.52923?#4<br>0.55484951          | -0.53 <b>060</b> 913<br>0.30 <b>690</b> 002    |
| -9,520              |                                   | 0,877761 <i>8</i> 4<br>0,50633240          | 0.7654691 <i>\</i><br>0.2286 <del>9</del> 873 | C.                                 | -0.51771545                                    |
| -C.446              | 74 44 29<br>50 40 70              | -0.51771545                                | -0.19008348                                   | -8.3G319214<br>0.                  | -0.51771545<br>0.                              |
| -0.774              | 21570                             | -0.75271179                                | 0.                                            | <b>0.</b>                          |                                                |
| COMPONENT           | 35.                               | G-WEIGHTS                                  |                                               |                                    |                                                |
|                     |                                   |                                            | 0.44348572                                    | C.48970959                         | 0.45084470                                     |
|                     | 017591<br>169063                  | U.46098328<br>Q.48171797                   | 0.67312622                                    | -0.50726318                        | -0.52711487<br>-0.54249409                     |
| -0.501              | 158671                            | -0.48802185<br>0.85247803                  | -0.434432 <b>48</b><br>0.                     | -0.40C63640<br>0.72126770          | 0.72126770                                     |
| -C.511              | 763716                            | 0.85247903                                 | ŏ.                                            | 0.85247803                         | -0.59912109                                    |
| -0.73               | 117065                            | -0.73117049                                | 0.<br>0.                                      | -0.73117065<br>0.                  | -0.4024 <b>0</b> 479<br>0.                     |
| -0.40               | 246479                            | -0.40340479                                | V•                                            | ••                                 |                                                |
| COMPONENT           | 16.                               | L G-HFIGHTS                                |                                               |                                    |                                                |
| *                   |                                   | 0.46791077                                 | 1.00000000                                    | 0.31344504                         | 0.66841125                                     |
|                     | 693770<br>665466                  | 0.35935974                                 | 0.39724731                                    | -0.65263367<br>-0.25234965         | 0.<br>-0.37112427                              |
| -C.64               | 392000                            | -0.58864441<br>1.0000000C                  | -0.68728638<br>C.                             | 9.                                 | 1.0000000                                      |
|                     | 3 9 3 3 7 <b>2</b><br>0 ? 3 L 6 0 | 0.                                         | 0.                                            | 1.00000000                         | -9.46356675<br>-0.66519165                     |
| -0.66               | 519255                            | -C.66519165<br>-C.41207886                 | 0.<br>C.                                      | -0:73374017                        | 0.                                             |
| -5.66               | 533165                            | -0-716V1000                                |                                               |                                    |                                                |
|                     |                                   |                                            |                                               |                                    |                                                |

| COMPONENT 37. 1                                                                                                                                                                                                                                                                                                                                                                                                                                                 | G-WEIGHTS                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 0.65162659                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 0.52314758                                                                                                                                                                                                                                                                                                                                                         | 0.53407176                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 0.48397627                                                                                                                                                                                                                                                                                                                        | 0.54470025                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 0.54371643                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 0.41737366                                                                                                                                                                                                                                                                                                                                                         | 0.29911804                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | -0.53166199                                                                                                                                                                                                                                                                                                                       | -0.59442134                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| -0.45152283<br>-0.52354431                                                                                                                                                                                                                                                                                                                                                                                                                                      | -3.53607178<br>0.56999207                                                                                                                                                                                                                                                                                                                                          | <b>-0.3356</b> 4758<br>0. <b>9618</b> 0725                                                                                                                                                                                                                                                                                                                                                                                                                                                      | -0.49935059<br>0.03017749                                                                                                                                                                                                                                                                                                         | -0.54741333<br>0.94 <b>10</b> 723                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 0.42940112                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 0.03017749                                                                                                                                                                                                                                                                                                                                                         | 0.42990112                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 0.54999207                                                                                                                                                                                                                                                                                                                        | ~0.39636121                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| -0.10292053<br>-0.94271851                                                                                                                                                                                                                                                                                                                                                                                                                                      | -0.94271851<br>-0.55595396                                                                                                                                                                                                                                                                                                                                         | -0.555 <del>95</del> 398<br>0.                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -0.39636121<br>2.                                                                                                                                                                                                                                                                                                                 | -0.10292053                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                    | ••                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <b>3</b> •                                                                                                                                                                                                                                                                                                                        | 6.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| COMPONENT 38. 1                                                                                                                                                                                                                                                                                                                                                                                                                                                 | G-WEIGHTS                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 0.50201416                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 9.39903259                                                                                                                                                                                                                                                                                                                                                         | 0.63162731                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 0.44000244                                                                                                                                                                                                                                                                                                                        | 0.54600627                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 0.41928101<br>-0.57789612                                                                                                                                                                                                                                                                                                                                                                                                                                       | 0.39903259<br>-0.57789612                                                                                                                                                                                                                                                                                                                                          | 0.64767436<br>-0.576 <b>980</b> 59                                                                                                                                                                                                                                                                                                                                                                                                                                                              | -0.49023436                                                                                                                                                                                                                                                                                                                       | -6.55427551                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| -0.43090301                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 0.21479797                                                                                                                                                                                                                                                                                                                                                         | 1.00000000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | -0.26907349<br>0.02490234                                                                                                                                                                                                                                                                                                         | -0.51417542<br>0.02400234                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 0.22074890                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1.00090000                                                                                                                                                                                                                                                                                                                                                         | 0.83860779                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 0.67596436                                                                                                                                                                                                                                                                                                                        | -0.62924194                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| -0.63459778<br>-0.63459778                                                                                                                                                                                                                                                                                                                                                                                                                                      | -0.19763184<br>-0.63459778                                                                                                                                                                                                                                                                                                                                         | -0.43459778<br>0.                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | -0.63459778<br>0.                                                                                                                                                                                                                                                                                                                 | 0.<br>0.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| *********                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | •                                                                                                                                                                                                                                                                                                                                 | ••                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| COMPCNENT 39. 1                                                                                                                                                                                                                                                                                                                                                                                                                                                 | G-WEIGHTS                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 0.44781494                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 0.41693115                                                                                                                                                                                                                                                                                                                                                         | 0.40703742                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 0.42064792                                                                                                                                                                                                                                                                                                                        | 0.45616150                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 0.64060974<br>-0.22325134                                                                                                                                                                                                                                                                                                                                                                                                                                       | 0.78 <b>0</b> 51758<br>-0.56153870                                                                                                                                                                                                                                                                                                                                 | 0.42779541<br>-0.5626227                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | -0.56907654<br>-0.55963135                                                                                                                                                                                                                                                                                                        | -0.45020610<br>-0.51340077                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| -0.55120850                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 0.                                                                                                                                                                                                                                                                                                                                                                 | 0.94725037                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 0.59617615                                                                                                                                                                                                                                                                                                                        | 6.35760496                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 9.94725037<br>-0.71907043                                                                                                                                                                                                                                                                                                                                                                                                                                       | 0.357 <b>60498</b><br>-0.31 <b>62689</b> 2                                                                                                                                                                                                                                                                                                                         | 0.74732971<br>-0.10430790                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 0.04667664                                                                                                                                                                                                                                                                                                                        | -0.47515564                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| -0.72239685                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -0.31626892                                                                                                                                                                                                                                                                                                                                                        | 0.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | -0.46052112<br>0.                                                                                                                                                                                                                                                                                                                 | -0.67515564<br>0.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| COMPONENT 40. 1                                                                                                                                                                                                                                                                                                                                                                                                                                                 | G-WEIGHTS                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Comments 40. I                                                                                                                                                                                                                                                                                                                                                                                                                                                  | ME1 MM12                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 0.42562866<br>0.43222046                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.766738 <del>89</del><br>0.68650928                                                                                                                                                                                                                                                                                                                               | 0.41470337                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 0.41909790                                                                                                                                                                                                                                                                                                                        | 0.45280457                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| -0.57098389                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -0.57156372                                                                                                                                                                                                                                                                                                                                                        | 0.40341187<br>-0.51588440                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | -0.57884216<br>-0.04833984                                                                                                                                                                                                                                                                                                        | -0.56905474<br>-0.57199097                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| -0.57156372                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 0.54045532                                                                                                                                                                                                                                                                                                                                                         | 0,55874434                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 0.63795896                                                                                                                                                                                                                                                                                                                        | 0.62437439                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 0.45960999<br>-ù.56845093                                                                                                                                                                                                                                                                                                                                                                                                                                       | 0.62437439<br>-0.53091431                                                                                                                                                                                                                                                                                                                                          | 0.49488831<br>-0.53091431                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 0.01927185<br>-0.46775818                                                                                                                                                                                                                                                                                                         | -0.39907037<br>-0.54045093                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| -0.46598816                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -0.46775818                                                                                                                                                                                                                                                                                                                                                        | 0.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 0.                                                                                                                                                                                                                                                                                                                                | 0.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| COMPONENT 41. 1                                                                                                                                                                                                                                                                                                                                                                                                                                                 | G-WEIGHT9                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 0.47557048                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 0.51490474                                                                                                                                                                                                                                                                                                                                                         | 0.48014632                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 0.48139954                                                                                                                                                                                                                                                                                                                        | 0.40052490                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 0.43333435<br>-0.49539185                                                                                                                                                                                                                                                                                                                                                                                                                                       | 0.51165771                                                                                                                                                                                                                                                                                                                                                         | 0.50010681                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | -0.50070904                                                                                                                                                                                                                                                                                                                       | -0.50298391                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| -0.51776123                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -0.54185486<br>0.70404993                                                                                                                                                                                                                                                                                                                                          | -0.49705505<br>0.70604995                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | -0.41 <b>952246</b><br>0.37442 <b>0</b> 17                                                                                                                                                                                                                                                                                        | -0.52534011<br>0.34500549                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 0.71139526                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 0.37974548                                                                                                                                                                                                                                                                                                                                                         | 0.37033001                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 0.30644409                                                                                                                                                                                                                                                                                                                        | -0.33297729                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| -0.33297729<br>-0.46464233                                                                                                                                                                                                                                                                                                                                                                                                                                      | -0.66464233<br>-0.67404175                                                                                                                                                                                                                                                                                                                                         | -0.33297729<br>0.                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | -0.33297729<br>0.                                                                                                                                                                                                                                                                                                                 | -0.66464233<br>0.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | •••                                                                                                                                                                                                                                                                                                                               | ••                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| COMPONENT 42. 1                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 6-weights                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                    | A 23051040                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| COMPONENT 42. 1<br>0.44613647<br>0.47040707                                                                                                                                                                                                                                                                                                                                                                                                                     | 6-WEIGHTS<br>0.44140254<br>9.73161316                                                                                                                                                                                                                                                                                                                              | 0.52851868<br>0.49630737                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.44693420<br>-0.47904948                                                                                                                                                                                                                                                                                                         | 0.41798401<br>-0.49024963                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 0.44613647<br>0.47648787<br>-8.55577976                                                                                                                                                                                                                                                                                                                                                                                                                         | 0.44140254<br>0.73161316<br>-0.37266768                                                                                                                                                                                                                                                                                                                            | 0.49430737<br>-0.59155273                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | -0.47904968<br>-0.56965637                                                                                                                                                                                                                                                                                                        | -0.49024963<br>-0.59956360                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 0.44613647<br>0.47940787                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.44148254<br>•.79161316<br>•0.3926948<br>0.50651550                                                                                                                                                                                                                                                                                                               | 0.49430737                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | -0.47904968<br>-0.56965637<br>0.82221985                                                                                                                                                                                                                                                                                          | -0.49024963<br>-0.59956360<br>0.14296804                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 0.44613647<br>0.4766767<br>-0.99997976<br>-0.92116223<br>0.9661996<br>-0.2664678                                                                                                                                                                                                                                                                                                                                                                                | 0.44148254<br>0.73161316<br>-0.39266968<br>0.50651590<br>0.62221985<br>-J.43077087                                                                                                                                                                                                                                                                                 | 0.49630737<br>-0.59155273<br>0.82221965<br>0.23446655<br>-0.88598633                                                                                                                                                                                                                                                                                                                                                                                                                            | -0.47904968<br>-0.54945637<br>0.82221985<br>0.14284804<br>-0.52234938                                                                                                                                                                                                                                                             | -0.49024963<br>-0.59956360<br>0.14296904<br>-0.79436782<br>-0.20464978                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 0.44613647<br>0.47060767<br>-0.55597976<br>-0.52116225<br>0.90511510                                                                                                                                                                                                                                                                                                                                                                                            | 0.44140254<br>•.73161316<br>-0.39266468<br>0.50551590<br>0.02221085                                                                                                                                                                                                                                                                                                | 0.49690797<br>-0.59155273<br>0.02221905<br>0.23446655                                                                                                                                                                                                                                                                                                                                                                                                                                           | -0.47904968<br>-0.56965637<br>0.82221985<br>0.14286804                                                                                                                                                                                                                                                                            | -0.49024963<br>-0.59956360<br>0.14286804<br>-0.79438782                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 0.44613647<br>0.4766767<br>-0.99997976<br>-0.92116223<br>0.9661996<br>-0.2664678                                                                                                                                                                                                                                                                                                                                                                                | 0.44148254<br>0.73161316<br>-0.39266968<br>0.50651590<br>0.62221985<br>-J.43077087                                                                                                                                                                                                                                                                                 | 0.49630737<br>-0.59155273<br>0.82221965<br>0.23446655<br>-0.88598633                                                                                                                                                                                                                                                                                                                                                                                                                            | -0.47904968<br>-0.54945637<br>0.82221985<br>0.14284804<br>-0.52234938                                                                                                                                                                                                                                                             | -0.49024963<br>-0.59956360<br>0.14296904<br>-0.79436782<br>-0.20464978                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 6.44613647<br>6.47968787<br>-8.9397976<br>-8.93118229<br>6.9641396<br>-8.2664478<br>-8.49677087                                                                                                                                                                                                                                                                                                                                                                 | 0.44140254<br>0.73161316<br>-0.33264468<br>0.50651550<br>0.62221065<br>-0.43077087<br>-0.52234938                                                                                                                                                                                                                                                                  | 0.49430737<br>-0.59135273<br>0.02221905<br>0.23446655<br>-0.00590633<br>0.                                                                                                                                                                                                                                                                                                                                                                                                                      | -0.47904968<br>-0.36963637<br>0.62221995<br>0.14286804<br>-0.52236938<br>0.                                                                                                                                                                                                                                                       | -0.49024963<br>-0.59956360<br>0.14286804<br>-0.79438702<br>-0.20444978<br>0.                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 0.44613647<br>0.47960707<br>-0.99997076<br>-0.92118223<br>0.96491390<br>-0.9644970<br>-0.49077007<br>CE *CNONT 43.1                                                                                                                                                                                                                                                                                                                                             | 0.44148254<br>0.73161316<br>-0.37264768<br>0.50631390<br>0.62221965<br>-0.43077087<br>-0.52236738<br>G-HEIGHTS<br>0.37796401<br>0.41233826                                                                                                                                                                                                                         | 0.49430737<br>-0.59153273<br>0.82221995<br>0.23446455<br>-0.88598633<br>0.<br>0.41375732<br>0.35598335                                                                                                                                                                                                                                                                                                                                                                                          | -0.47904968<br>-0.58455537<br>0.82221985<br>0.14284804<br>-0.52234938<br>0.<br>0.34410095<br>-0.51107788                                                                                                                                                                                                                          | -0.49024963<br>-0.59956360<br>0.14296904<br>-0.79436782<br>-0.20464978                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 0.44613647<br>0.47961707<br>-0.92597976<br>-0.92118225<br>0.90491350<br>-0.2066478<br>-0.4077007<br>CE 'CNOMY 43.1<br>0.7354860<br>0.39491943<br>-0.51843090                                                                                                                                                                                                                                                                                                    | 0.44140254<br>0.73161316<br>-0.3926948<br>0.50551590<br>0.62221985<br>-0.43077087<br>-0.52236938<br>G-HEIGHT3<br>0.37936401<br>0.41233626<br>-0.48710632                                                                                                                                                                                                           | 0.49430737<br>-0.59135273<br>0.02221005<br>0.23446655<br>-0.88598633<br>0.<br>0.41375732<br>0.35798535<br>-0.51358032                                                                                                                                                                                                                                                                                                                                                                           | -0.47904968<br>-0.56955537<br>0.82221985<br>0.14284804<br>-0.52236938<br>0.<br>0.34410095<br>-0.51107788<br>-0.50209045                                                                                                                                                                                                           | -0.49024963<br>-0.59956360<br>-0.14286804<br>-0.79438702<br>-0.20444978<br>0.<br>1.00003000<br>-0.41297806<br>-0.57830811                                                                                                                                                                                                                                                                                                                                                                          |
| 0.44613647<br>0.47968787<br>-0.99197976<br>-0.98118223<br>0.964478<br>-0.964478<br>-0.4077007<br>CC *CNOW! 43.1<br>0.79549889<br>0.35471743<br>-0.51843000<br>-0.4766783<br>0.35160828                                                                                                                                                                                                                                                                          | 0.44148254<br>0.73161316<br>-0.3726448<br>0.50531390<br>0.62221985<br>-0.43077087<br>-0.52236738<br>G-HEIGHTS<br>0.37736401<br>0.41233826<br>-0.46710632<br>0.73667908<br>0.58509301                                                                                                                                                                               | 0.49430737<br>-0.59153273<br>0.82221995<br>0.23446455<br>-0.88598633<br>0.<br>0.41375732<br>0.35598335                                                                                                                                                                                                                                                                                                                                                                                          | -0.47004068 -0.5405637 0.8221995 0.14286004 -0.52236938 0. 0.34410095 -0.51107788 -0.50209045 0.69194031                                                                                                                                                                                                                          | -0.49024965<br>-0.59956360<br>-0.14286804<br>-0.79438782<br>-0.20444978<br>0.<br>1.00803000<br>-0.41287886<br>-0.51287886                                                                                                                                                                                                                                                                                                                                                                          |
| 6.44613647<br>6.47968787<br>-0.99597976<br>-0.92118223<br>0.90591596<br>-0.2064978<br>-0.4077007<br>CE *CNGHT 43.1<br>6.73548669<br>0.9549143<br>-0.9186900<br>-0.4764983<br>0.95166820                                                                                                                                                                                                                                                                         | 0.44148254<br>0.73161316<br>-0.39264968<br>0.50651390<br>0.62221985<br>-0.43077087<br>-0.52234936<br>G-HEIGHTS<br>0.37936401<br>0.41233626<br>-0.48710632<br>0.73647908<br>0.56508301<br>-0.67177965                                                                                                                                                               | 0.49430737<br>-0.59135273<br>0.62221905<br>0.23446655<br>-0.88598633<br>0.<br>0.41375732<br>0.35798535<br>-6.51358032<br>0.73647908<br>0.58508301<br>-0.38655090                                                                                                                                                                                                                                                                                                                                | -0.4700968 -0.36963637 0.8221995 0.14286904 -0.52236938 0.  0.34410095 -0.51107788 -0.5020905 0.69194031 00.37377930                                                                                                                                                                                                              | -0.47024963<br>-0.57956360<br>-0.14286804<br>-0.79438702<br>-0.20444978<br>-0.20444978<br>-0.41287886<br>-0.57630811<br>-0.31277466<br>-0.37377930<br>-0.37377930                                                                                                                                                                                                                                                                                                                                  |
| 0.44613647<br>0.47948787<br>-0.9999976<br>-0.96491390<br>-0.9664978<br>-0.40077007<br>CC *CNOWF 45.1<br>0.73949869<br>0.35491943<br>-0.31843090<br>-0.47469983<br>0.39140820<br>-0.37377930<br>-C.87179949                                                                                                                                                                                                                                                      | 0.44148254<br>0.73161316<br>-0.3926496<br>0.50531390<br>0.62221985<br>-0.43077087<br>-0.52236936<br>G-HEIGHTS<br>0.37936401<br>0.41233826<br>-0.48710632<br>0.73647906<br>0.58509301<br>-0.87179365<br>-0.37377930                                                                                                                                                 | 0.49430737<br>-0.59135273<br>0.82221965<br>0.23446655<br>-0.88598633<br>0.<br>0.41375732<br>0.35798535<br>-0.31358032<br>0.73667908<br>0.58508301                                                                                                                                                                                                                                                                                                                                               | -0.47904968<br>-0.5845557<br>0.82221985<br>0.14284804<br>-0.52236938<br>0.<br>0.34410095<br>-0.51107788<br>-0.50209045<br>0.69194031<br>0.                                                                                                                                                                                        | -0.49024965<br>-0.59956360<br>-0.1428604<br>-0.79438782<br>-0.20444978<br>-0.20444978<br>-0.57830811<br>-0.37277464<br>-0.37377930                                                                                                                                                                                                                                                                                                                                                                 |
| 6.44613647<br>6.47968787<br>-0.99597976<br>-0.92118223<br>0.90591596<br>-0.2064978<br>-0.4077007<br>CE *CNGHT 43.1<br>6.73548669<br>0.9549143<br>-0.9186900<br>-0.4764983<br>0.95166820                                                                                                                                                                                                                                                                         | 0.44148254<br>0.73161316<br>-0.39264968<br>0.50651390<br>0.62221985<br>-0.43077087<br>-0.52234936<br>G-HEIGHTS<br>0.37936401<br>0.41233626<br>-0.48710632<br>0.73647908<br>0.56508301<br>-0.67177965                                                                                                                                                               | 0.49430737<br>-0.59135273<br>0.62221905<br>0.23446655<br>-0.88598633<br>0.<br>0.41375732<br>0.35798535<br>-6.51358032<br>0.73647908<br>0.58508301<br>-0.38655090                                                                                                                                                                                                                                                                                                                                | -0.4700968 -0.36963637 0.8221995 0.14286904 -0.52236938 0.  0.34410095 -0.51107788 -0.5020905 0.69194031 00.37377930                                                                                                                                                                                                              | -0.47024965<br>-0.57956360<br>0.14286804<br>-0.79538782<br>-0.20444778<br>0.<br>1.00003000<br>-0.41287884<br>-0.57838811<br>0.31277464<br>-0.37377930<br>-0.37377930                                                                                                                                                                                                                                                                                                                               |
| 6.44613647<br>6.47968787<br>-0.99919776<br>-0.98118223<br>6.964478<br>-0.964478<br>-0.96477007<br>CE *CNOMI 43.1<br>6.79549889<br>6.3949143<br>-0.51883000<br>-0.4766783<br>6.37177936<br>-0.87177936<br>COMPONENT 44.1                                                                                                                                                                                                                                         | 0.44140254                                                                                                                                                                                                                                                                                                                                                         | 0.49430737<br>-0.59135273<br>0.82221985<br>0.23446455<br>-0.88598633<br>0.<br>0.41375732<br>0.35998535<br>-0.51358032<br>0.73467908<br>0.58508301<br>-0.38655090<br>0.                                                                                                                                                                                                                                                                                                                          | -0.47904968 -0.5465637 0.8221985 0.14284804 -0.52236938 0.  0.34410095 -0.51107788 -0.50209045 0.69194031 00.37377930 0.                                                                                                                                                                                                          | -0.47024965<br>-0.57956360<br>0.14286804<br>-0.79538782<br>-0.20444778<br>0.<br>1.00003000<br>-0.41287884<br>-0.57838811<br>0.31277464<br>-0.37377930<br>-0.37377930                                                                                                                                                                                                                                                                                                                               |
| 6.44613647<br>6.47960707<br>-0.92110225<br>0.9641396<br>-0.7664470<br>-0.40077007<br>CE 'CNONT 43.1<br>0.73549669<br>0.99411443<br>-0.9104000<br>-0.4764900<br>-0.7764900<br>-0.87777936<br>-0.87174945<br>COMPONENT 44.1                                                                                                                                                                                                                                       | 0.44148254                                                                                                                                                                                                                                                                                                                                                         | 0.49430737<br>-0.59135273<br>0.62221005<br>0.23446655<br>-0.88598633<br>0.<br>0.41375732<br>0.35798535<br>-0.51358032<br>0.73667908<br>0.58508301<br>-0.38655090<br>0.                                                                                                                                                                                                                                                                                                                          | -0.4700968 -0.369537 0.8221995 0.1428604 -0.52236938 0.  0.34410095 -0.51107788 -0.5020905 0.69194031 00.37377930 0.                                                                                                                                                                                                              | -0.49024963<br>-0.59956360<br>-0.1428604<br>-0.79638702<br>-0.20644978<br>0.<br>1.00003000<br>-0.41297886<br>-0.57630811<br>0.31277466<br>-0.37377930<br>0.<br>0.45264724<br>-0.42854309                                                                                                                                                                                                                                                                                                           |
| 6.44613647<br>6.47968787<br>-0.99919776<br>-0.98118223<br>6.96441596<br>-0.2664478<br>-0.666478<br>-0.666497097<br>6.79549869<br>6.9949143<br>-0.91849090<br>-0.4764983<br>6.99114949<br>-0.97377936<br>-0.87179369<br>COMPONENT 44.1                                                                                                                                                                                                                           | 0.44140254                                                                                                                                                                                                                                                                                                                                                         | 0.49430737<br>-0.59135273<br>0.82221985<br>0.23446455<br>-0.88598633<br>0.<br>0.41375732<br>0.35998535<br>-0.51358032<br>0.73467908<br>0.58508301<br>-0.38655090<br>0.                                                                                                                                                                                                                                                                                                                          | -0.47904968 -0.5465637 0.8221985 0.14284804 -0.52236938 0.  0.34410095 -0.51107788 -0.50209045 0.69194031 00.37377930 0.                                                                                                                                                                                                          | -0.49024965 -0.59956360 -0.14286804 -0.79438782 -0.20444978 0.  1.00003000 -0.41287886 -0.57430811 -0.31277464 -0.37377930 -0.37377930 0.  0.45264724 -0.42854309 -0.53347778                                                                                                                                                                                                                                                                                                                      |
| 0.44613647<br>0.47968787<br>-0.99919787<br>-0.98116228<br>0.90611590<br>0.2664078<br>-0.49077007<br>CL 'CNMHT 43.1<br>0.79548609<br>0.99411443<br>-0.51843090<br>-0.4766983<br>0.97377930<br>-C.07179765<br>COMPONENT 44.1<br>0.50483704<br>0.45176497<br>-0.36372070<br>-0.49186707<br>-0.18877461                                                                                                                                                             | 0.44148254                                                                                                                                                                                                                                                                                                                                                         | 0.49430737 -0.59135273 0.62221905 0.23446655 -0.88598633 0.  0.41375732 0.35798535 -0.51358032 0.73667908 0.58508301 -0.38655090 0.  0.54853821 0.51693728 -0.49957275 0.04823303 0.49214172                                                                                                                                                                                                                                                                                                    | -0.47904968 -0.3495537 0.8221995 0.14284904 -0.52234938 0.  0.34410095 -0.51107788 -0.50209045 0.69194031 00.37377930 0.  0.53093801 -0.56950378 -0.4650669 0.4176733 0.71231079                                                                                                                                                  | -0.49024963 -0.59956360 -0.14286804 -0.79638702 -0.20664978 -0.41297886 -0.57630811 -0.31277466 -0.37377930 -0.37377930 -0.42864724 -0.42854309 -0.53347778 -0.83793660 -0.45726013                                                                                                                                                                                                                                                                                                                |
| 6.44613647<br>6.47968787<br>-0.99919776<br>-0.98118223<br>6.96441596<br>-0.2664478<br>-0.6677007<br>CE *CNOMI 45.1<br>6.79549869<br>6.9949143<br>-0.9184909<br>-0.4764983<br>6.99114949<br>-0.97377936<br>COMPONENT 44.1<br>0.50483704<br>0.45174497<br>-0.56372070<br>-0.49184707                                                                                                                                                                              | 0.44140254                                                                                                                                                                                                                                                                                                                                                         | 0.49430737<br>-0.59135273<br>0.62221965<br>0.23446655<br>-0.88598633<br>0.<br>0.41375732<br>0.35998535<br>-0.51358032<br>0.73667908<br>0.58508301<br>-0.38655090<br>0.                                                                                                                                                                                                                                                                                                                          | -0.47904968 -0.5465637 0.8221985 0.14284804 -0.52236938 0.  0.34410095 -0.51107788 -0.50209045 0.69194031 00.37377930 0.  0.53083801 -0.54656669 0.61776733                                                                                                                                                                       | -0.49024969 -0.59956360 -0.14284804 -0.79438782 -0.20444978 -0.20444978 -0.41287884 -0.57439811 -0.31277464 -0.37377930 -0.37377930 -0.37377930 -0.37377930 -0.45264724 -0.42854309 -0.53347778 -0.63793640 -0.45726013 -0.4564307                                                                                                                                                                                                                                                                 |
| 6.44613647<br>6.47968787<br>-8.9997976<br>-8.9997976<br>-8.90647589<br>-8.2064478<br>-8.49077097<br>CC *CNMHT 43.1<br>6.79548889<br>-9.9541943<br>-0.9164909<br>-0.4746493<br>-0.57377930<br>-C.87179965<br>COMPONENT 44.1<br>0.5043704<br>0.45174697<br>-0.56372070<br>-0.49184707<br>0.19897461<br>-0.59387756                                                                                                                                                | 0.44148254                                                                                                                                                                                                                                                                                                                                                         | 0.49430737 -0.59139273 0.62221965 0.23446655 -0.88598633 0.  0.41375732 0.35798335 -0.51358032 0.73647908 0.56508301 -0.38655090 0.  0.54853821 0.51693725 -0.49957275 0.04823303 0.49214172 -0.27445874                                                                                                                                                                                                                                                                                        | -0.4700968 -0.3645537 0.8221985 0.1428604 -0.52236938 0.  0.34410095 -0.51107788 -0.50209045 0.69194031 00.37377930 0.  0.53083801 -0.56950378 -0.46560649 0.61776733 0.71231079 -0.91543579                                                                                                                                      | -0.49024963 -0.59956360 -0.14286804 -0.79638702 -0.20664978 -0.41297886 -0.57630811 -0.31277466 -0.37377930 -0.37377930 -0.42864724 -0.42854309 -0.53347778 -0.83793660 -0.45726013                                                                                                                                                                                                                                                                                                                |
| 0.44613647<br>0.47968787<br>-0.99919787<br>-0.98116228<br>0.90611590<br>0.2664078<br>-0.49677007<br>CL *CNOMIT 43.1<br>0.79548689<br>0.9941943<br>-0.51849090<br>-0.4766983<br>0.916498<br>COMPONENT 44.1<br>0.50483704<br>0.45174697<br>-0.56372070<br>-0.49643077<br>-0.1887764<br>-0.58387756<br>-0.49664307                                                                                                                                                 | 0.44148254 0.73161316 -0.39264968 0.50651390 0.62221965 -0.42077087 -0.52236936  G-HEIGHTS  0.37936401 0.41233826 -0.48710632 0.73647908 0.58509301 -0.87179565 -0.37377930  G-HEIGHTS  0.51077271 0.48284912 -0.44686990 G.68719462 0.40490723 -0.49464307 -0.27445874                                                                                            | 0.49430737 -0.59135273 0.62221905 0.23446655 -0.88598633 0.  0.41375732 0.3598833 -0.51358032 0.73647908 0.58508301 -0.38655090 0.  0.94853821 0.5169372b -0.49957275 0.0482303 0.49214172 -0.27645874 0.                                                                                                                                                                                                                                                                                       | -0.47904968 -0.369537 0.8221995 0.1428604 -0.52234938 0.  0.34410095 -0.51107788 -0.59029045 0.69194031 00.37377930 0.  0.53083801 -0.56950378 -0.4650669 0.61776733 0.71231079 -0.91543579 0.                                                                                                                                    | -0.49024963 -0.59956360 -0.14286804 -0.79438702 -0.20444978 -0.61297806 -0.41297806 -0.57830811 -0.31277444 -0.37377930 -0.37377930 -0.37377930 -0.37377930 -0.45244724 -0.42854309 -0.53347778 -0.3739470 -0.45726013 -0.45644307 -0.                                                                                                                                                                                                                                                             |
| 0.44613647<br>0.47968787<br>-0.9997976<br>-0.98118229<br>-0.964878<br>-0.96477097<br>CC *CNMMT 43.1<br>0.79548889<br>-0.9541943<br>-0.9186909<br>-0.4766983<br>-0.97777930<br>-0.87179965<br>COMPONENT 44.1<br>0.504837C4<br>0.45174697<br>-0.56372070<br>-0.9186707<br>-0.9186707<br>COMPONENT 45.1<br>0.45390210<br>0.45390210<br>0.45390210<br>0.45390210                                                                                                    | 0.44140254                                                                                                                                                                                                                                                                                                                                                         | 0.49430737 -0.59139273 0.82221905 0.23446455 -0.88598633 0.  0.41375732 0.35798335 -0.51358032 0.73647908 0.56508301 -0.38655090 0.  0.54853821 0.51693725 -0.49957275 0.04823303 0.49214172 -0.27645874 0.                                                                                                                                                                                                                                                                                     | -0.47904968 -0.3465637 0.8221985 0.1428604 -0.52236938 0.  0.34410095 -0.51107788 -0.50209045 0.69194031 00.37377930 0.  0.53083801 -0.56950378 -0.46560649 0.61776733 0.71231079 -0.91543579 0.  0.63752747 -0.65900493                                                                                                          | -0.49024963 -0.59956360 -0.14284804 -0.79438782 -0.20444978 0.  1.00003000 -0.41287886 -0.57830811 -0.31277464 -0.37377930 -0.37377930 0.  0.45244724 -0.42854309 -0.53347778 -0.637764033 -0.45764037                                                                                                                                                                                                                                                                                             |
| 0.44613647<br>0.47968787<br>-0.99919776<br>-0.98118229<br>-0.964878<br>-0.964878<br>-0.9648709<br>0.9949143<br>-0.9184909<br>-0.9746793<br>0.97177936<br>COMPONENT 44. 1<br>0.50483704<br>0.45176697<br>-0.4918776<br>-0.4918776<br>-0.4918776<br>-0.4918776<br>-0.4918776<br>-0.4918776<br>-0.4918776<br>-0.4918776<br>-0.4918776<br>-0.4918776<br>-0.4918776<br>-0.4918776<br>-0.4918776<br>-0.4918776<br>-0.4918776<br>-0.4918776<br>-0.49387756             | 0.44140254 0.73161316 -0.3926496 0.50451390 0.36221905 -0.43077087 -0.52234930  G-HEIGHTS  0.37936401 0.41233026 -0.48710032 0.73647908 0.38500301 -0.87179365 -0.97377930  G-HEIGHTS  0.51077271 0.40244912 -0.44468990 G.68719482 0.4040723 -0.49464307 -0.27445874  G-HEIGHTS  0.34644917 0.45556641 -0.55677373                                                | 0.49430737 -0.59135273 0.62221905 0.23446455 -0.88598633 0.  0.41375732 0.3598833 -0.51358032 0.73647908 0.58508301 -0.38655090 0.  0.94853821 0.5169372b -0.49957275 0.04823303 0.49214172 -0.27645874 0.  0.66978149 0.42047119 -0.55366516                                                                                                                                                                                                                                                   | -0.47704968 -0.36963637 0.8221995 0.1428604 -0.52234938 0.  0.34410095 -0.51107788 -0.59029045 0.69194031 00.37377930 0.  0.53083801 -0.56950378 -0.4650669 0.41774733 0.71231079 -0.91543579 0.  0.63752747 -0.65960693 -0.26939392                                                                                              | -0.49024963 -0.59956360 -0.14286804 -0.79438702 -0.20444978 -0.20444978 -0.41297806 -0.41297806 -0.37377930 -0.37377930 -0.37377930 -0.37377930 -0.4284309 -0.37347770 -0.47464307 -0.4792859 -0.59564496 -0.44697156                                                                                                                                                                                                                                                                              |
| 0.44613647<br>0.47968787<br>-0.9997976<br>-0.98118229<br>-0.964878<br>-0.66477097<br>CC *CNMMT 43.1<br>6.73548889<br>-0.9541943<br>-0.9186309<br>-0.9746983<br>-0.9716989<br>-0.5737793<br>-0.8717945<br>COMPONENT 44.1<br>0.50483704<br>0.45174697<br>-0.56372070<br>-0.9186707<br>-0.9186707<br>COMPONENT 45.1<br>0.45390210<br>0.45390210<br>0.45390210<br>0.45390210<br>0.43369001<br>-0.57055664<br>-0.17527771<br>0.39669800                              | 0.44140254                                                                                                                                                                                                                                                                                                                                                         | 0.49430737 -0.59139273 0.82221905 0.23446455 -0.88598633 0.  0.41375732 0.35798335 -0.51358032 0.73647908 0.56508301 -0.38655090 0.  0.54853821 0.51693725 -0.49957275 0.04823303 0.49214172 -0.27645874 0.                                                                                                                                                                                                                                                                                     | -0.47904968 -0.3465637 0.8221985 0.1428604 -0.52236938 0.  0.34410095 -0.51107788 -0.50209045 0.69194031 00.37377930 0.  0.53083801 -0.56950378 -0.46560649 0.61776733 0.71231079 -0.91543579 0.  0.63752747 -0.65900493                                                                                                          | -0.49024963 -0.59956360 -0.14286804 -0.79438702 -0.20444778 -0.20444778 -0.41287884 -0.57638811 -0.31277444 -0.37377930 -0.37377930 -0.37377730 -0.37377730 -0.42854309 -0.53347778 -0.64854307 -0.6487156 -0.44897156 -0.44897156 -0.47613074                                                                                                                                                                                                                                                     |
| ### ### #### #### #### #### #### #### ####                                                                                                                                                                                                                                                                                                                                                                                                                      | 0.44140254 0.73161316 -0.3926496 0.5051390 0.32221905 -0.43077087 -0.52236930  G-HEIGHTS  0.37936401 0.41233026 -0.48710032 0.79367906 0.58503301 -0.87179365 -0.97377930  G-HEIGHTS  0.51077271 0.40244912 -0.44468990 G.68719482 0.4040723 -0.49464307 -0.27645874  G-HEIGHTS  0.34644917 0.45556641 -0.53637373 0.005937500 -0.85937500 -0.85937500             | 0.49430737 -0.59135273 0.62221005 0.23446655 -0.88598633 0.  0.41375732 0.35798535 -0.51358032 0.73647908 0.58508301 -0.38655090 0.  0.54853821 0.51693720 -0.49957275 0.04823303 0.49214172 -0.27645874 0.  0.64978149 0.42047119 -0.55366516 0.05168152 0.76664734 -0.29200745                                                                                                                                                                                                                | -0.47904968 -0.36963637 0.8221995 0.1428604 -0.52236938 0.  0.34410095 -0.51107788 -0.50209045 0.69194031 00.37377930 0.  0.53083801 -0.56950378 -0.46560669 0.41776733 0.71231079 -0.91543579 0.  0.65960693 -0.26939392 0.78872681 0.37443379 -0.394231191                                                                      | -0.49024963 -0.59956360 -0.1428604 -0.79438702 -0.20444778 -0. 1.00003000 -0.41297804 -0.3737930 -0.37377930 -0.37377930 -0.37377930 -0.37347778 -0.3739347778 -0.3739347778 -0.3739347778 -0.3739347778 -0.3739347778 -0.3739347778 -0.3739347778 -0.3739347778 -0.3739347778 -0.3739347778 -0.3739347778 -0.3739347778 -0.3739347778 -0.3739347778 -0.3739347778 -0.3739347778 -0.373934774 -0.373934774 -0.373934774 -0.373934774 -0.37393474 -0.373934745 -0.373934774 -0.27307745 -0.37321191 |
| ### ### #### #### ####################                                                                                                                                                                                                                                                                                                                                                                                                                          | 0.44140254                                                                                                                                                                                                                                                                                                                                                         | 0.49430737 -0.59139273 0.82221905 0.23446455 -0.88598633 0.  0.41375732 0.35798333 -0.51358032 0.73647908 0.58508301 -0.38655090 0.  0.54853821 0.51693724 -0.49957275 0.04823303 0.49214172 -0.27645874 0.  0.66978149 0.42047119 -0.55366516 0.05166152 0.76664734                                                                                                                                                                                                                            | -0.47904968 -0.3645367 0.8221985 0.1428604 -0.52236938 0.  0.34410095 -0.51107788 -0.50209045 0.69194031 00.37377930 0.  0.53083801 -0.56950378 -0.46560649 0.41776733 0.71231079 -0.91543579 0.  0.63752747 -0.63960693 -0.26939392 0.78872681 0.37463379                                                                        | -0.49024965 -0.59956360 -0.14286804 -0.79438782 -0.20444978 -0.20444978 -0.3207444 -0.37377464 -0.37377430 -0.37377930 -0.37377730 -0.3737730 -0.4564724 -0.42854309 -0.53347778 -0.373793640 -0.45726013 -0.4564307 -0.45726013 -0.4564307 -0.20200765                                                                                                                                                                                                                                            |
| 0.44613647 0.47968787 -0.9991978 -0.98110228 0.90641590 -0.7664078 -0.9077007  CL *CNOMT 43.1  0.79348869 0.9941943 -0.51861000 -0.7766783  COMPONENT 44.1  0.50483704 0.5917407 -0.56372070 -0.49164307  COMPONENT 45.1  0.45390210 0.45340901 -0.57055664 -0.17527771 0.39669800 -0.42396345 -0.98362732  COMPONENT 46.1                                                                                                                                      | 0.44140254 0.73161316 -0.3926496 0.5051390 0.32221905 -0.43077087 -0.52236930  G-HEIGHTS  0.37936401 0.41233026 -0.48710032 0.79367906 0.58503301 -0.87179365 -0.97377930  G-HEIGHTS  0.51077271 0.40244912 -0.44468990 G.68719482 0.4040723 -0.49464307 -0.27645874  G-HEIGHTS  0.34644917 0.45556641 -0.53637373 0.005937500 -0.85937500 -0.85937500             | 0.49430737 -0.59135273 0.62221005 0.23446655 -0.88598633 0.  0.41375732 0.35798535 -0.51358032 0.73647908 0.58508301 -0.38655090 0.  0.54853821 0.51693720 -0.49957275 0.04823303 0.49214172 -0.27645874 0.  0.64978149 0.42047119 -0.55366516 0.05168152 0.76664734 -0.29200745                                                                                                                                                                                                                | -0.47904968 -0.36963637 0.8221995 0.1428604 -0.52236938 0.  0.34410095 -0.51107788 -0.50209045 0.69194031 00.37377930 0.  0.53083801 -0.56950378 -0.46560669 0.41776733 0.71231079 -0.91543579 0.  0.65960693 -0.26939392 0.78872681 0.37443379 -0.394231191                                                                      | -0.49024963 -0.59956360 -0.1428604 -0.79438702 -0.20444778 -0. 1.00003000 -0.41297804 -0.3737930 -0.37377930 -0.37377930 -0.37377930 -0.37347778 -0.3739347778 -0.3739347778 -0.3739347778 -0.3739347778 -0.3739347778 -0.3739347778 -0.3739347778 -0.3739347778 -0.3739347778 -0.3739347778 -0.3739347778 -0.3739347778 -0.3739347778 -0.3739347778 -0.3739347778 -0.3739347778 -0.373934774 -0.373934774 -0.373934774 -0.373934774 -0.37393474 -0.373934745 -0.373934774 -0.27307745 -0.37321191 |
| 0.44613647<br>0.47968787<br>-0.99919776<br>-0.98118229<br>0.964478<br>-0.66477097<br>CC *CNMHT 43.1<br>0.79548869<br>0.9941943<br>-0.9164909<br>-0.7777930<br>-0.8717945<br>COMPONENT 44.1<br>0.504837C4<br>0.45174697<br>-0.56372070<br>-0.49164707<br>0.19897461<br>-0.53387756<br>-0.4964307<br>COMPONENT 45.1<br>0.45390210<br>0.43360901<br>-0.570755664<br>-0.17527771<br>0.39669800<br>-0.42396545<br>-0.98362732<br>COMPONENT 46.1                      | 0.44140254                                                                                                                                                                                                                                                                                                                                                         | 0.49430737 -0.59139273 0.82221095 0.23446455 -0.88598633 0.  0.41375732 0.35798333 -0.51398032 0.73647908 0.58508301 -0.38655090 0.  0.54853821 0.51693724 -0.49957275 0.04823303 0.49214172 -0.27645874 0.  0.64978149 0.42047119 -0.55366516 0.05168152 0.7664734 -0.29200745 0.                                                                                                                                                                                                              | -0.47904968 -0.5465637 0.8221985 0.14286004 -0.52236938 0.  0.34410095 -0.51107788 -0.50209045 0.69194031 00.37377930 0.  0.53083801 -0.56950378 -0.46560669 0.41776733 0.71231079 -0.91543579 0.  0.63752747 -0.63960693 -0.26939392 0.78672681 0.37463379 -0.39221191 0.                                                        | -0.49024965 -0.59956360 -0.14286804 -0.79438702 -0.20444978 -0.20444978 -0.57630811 -0.31277464 -0.37377930 -0.37377930 -0.37377930 -0.442854309 -0.45266724 -0.42854309 -0.53347778 -0.32793640 -0.45726013 -0.4564307 -0.45726013 -0.4564307 -0.39221191 -0.39460887                                                                                                                                                                                                                             |
| 0.44613647 0.47948777 -0.99919776 -0.98110225 0.9644778 -0.9677097  CL *CNMHT 43.1  0.79348889 0.9941943 -0.9184909 -0.97464983 0.991943 -0.91746970 -0.491943 -0.56372070 -0.49184970 -0.56372070 -0.49184970 -0.56372070 -0.49184970 -0.7527771 -0.3946920 -0.47013855 -0.99362732  COMPOMENT 45.1  0.45390210 0.43340961 -0.57055664 -0.17527771 0.39669800 -0.42396545 -0.99362732  COMPOMENT 46.1  0.47013855 -0.99362732  COMPOMENT 46.1                  | 0.44140254 0.73161316 -0.3926436 0.50451590 0.02221905 -0.43077007 -0.52236930  G-HEIGHTS  0.37936401 0.41233026 -0.48710632 0.73667900 0.58509301 -0.87179565 -0.37377930  G-HEIGHTS  0.51077271 0.40244912 -0.4468490 G.68714462 0.4040723 -0.4964307 -0.27645874  G-HEIGHTS  0.34644917 0.45556641 -0.56637573 0. 0.8937500 -0.85794067 -0.363844473  G-HEIGHTS | 0.49430737 -0.59135273 0.62221005 0.23446655 -0.88598633 0.  0.41375732 0.35798535 -0.51358032 0.73667908 0.58508301 -0.38655090 0.  0.54853821 0.51693720 -0.49957275 0.04823303 0.49214172 -0.27645874 0.  0.86978149 0.02047119 -0.55366516 0.05168152 0.76664734 -0.29200745 0.  0.71080017 0.50907898                                                                                                                                                                                      | -0.47904968 -0.36963637 0.8221995 0.14286904 -0.52236938 0.  0.34410095 -0.51107788 -0.50209045 0.69194031 00.37377930 0.  0.53003801 -0.59050378 -0.46560649 0.61776733 0.71231079 -0.91543579 0.  0.63752747 -0.63990493 -0.24939392 0.74872681 0.37443377 -0.39221191 0.                                                       | -0.49024963 -0.59956360 -0.14286804 -0.79438702 -0.20444778 -0.20444778 -0.41297806 -0.41297806 -0.57390811 -0.31277444 -0.37377930 -0.37377930 -0.37377930 -0.37377930 -0.37377930 -0.37377930 -0.37377930 -0.37377930 -0.37377930 -0.37377930 -0.37377930 -0.37377930 -0.37377930 -0.37377930 -0.37377930 -0.37377930 -0.37377930 -0.37377930 -0.37377930 -0.37377930 -0.37377930 -0.37377930 -0.37377930 -0.37377930 -0.37493640 -0.4454307 -0.37493640 -0.37493640 -0.37493640                 |
| 0.44613647<br>0.47968787<br>-0.99919776<br>-0.98118229<br>-0.9644778<br>-0.96477097<br>CL *CNOMT 43. 1<br>8.73548869<br>-0.9541943<br>-0.9164909<br>-0.77377930<br>-0.8716926<br>-0.77377930<br>-0.8717945<br>COMPONENT 44. 1<br>0.504837C4<br>0.45176497<br>-0.56372070<br>-0.9164707<br>0.19897661<br>-0.53387756<br>-0.49664307<br>COMPONENT 45. 1<br>0.45396090<br>-0.42396545<br>-0.99362732<br>COMPONENT 46. 1<br>0.47013855<br>C.65076321<br>-0.47341919 | 0.44140254                                                                                                                                                                                                                                                                                                                                                         | 0.49430737 -0.59135273 0.82221965 0.23446655 -0.88598633 0.  0.41375732 0.35798335 -0.51358032 0.73647908 0.58508301 -0.38655090 0.  0.54853821 0.51693725 -0.49957275 0.04823303 0.49214172 -0.27445874 0.  0.66978149 0.02047119 -0.55366516 0.05168152 0.7664734 -0.29200745 0.  0.71080017 0.59077898 -0.36974934 0.03125000                                                                                                                                                                | -0.4700968 -0.3645557 0.8221985 0.1428604 -0.52236938 0.  0.34410095 -0.51107788 -0.50209045 0.69194031 00.37377930 0.  0.53083801 -0.56950378 -0.46560689 0.4176733 0.71231079 -0.91543579 0.  0.63752747 -0.63960693 -0.26939392 0.78872681 0.37463379 -0.39221191 0.  0.44168091 -0.57285291 0.90005493                        | -0.49024965 -0.59956360 -0.14284804 -0.79438702 -0.20444978 -0.20444978 -0.57438611 -0.31277464 -0.37377930 -0.37377930 -0.37377930 -0.37377930 -0.4764307 -0.45724013 -0.45724013 -0.45724013 -0.45724013 -0.45724013 -0.45724013 -0.45724013 -0.45724013 -0.45724013 -0.45724013 -0.45724013 -0.45724013 -0.45724013 -0.52720745 -0.39221191 -0.52726411 -0.52726411 -0.52726411                                                                                                                 |
| 0.44613647 0.47948777 -0.99919776 -0.98110225 0.9644778 -0.9677097  CL *CNMHT 43.1  0.79348889 0.9941943 -0.9184909 -0.97464983 0.991943 -0.91746970 -0.491943 -0.56372070 -0.49184970 -0.56372070 -0.49184970 -0.56372070 -0.49184970 -0.7527771 -0.3946920 -0.47013855 -0.99362732  COMPOMENT 45.1  0.45390210 0.43340961 -0.57055664 -0.17527771 0.39669800 -0.42396545 -0.99362732  COMPOMENT 46.1  0.47013855 -0.99362732  COMPOMENT 46.1                  | 0.44148254 0.73161316 -0.3926496 0.50451390 0.6251390 0.62521965 -0.43077087 -0.52236930  G-HEIGHTS  0.37936401 0.41233826 -0.48710632 0.73667906 0.58503301 -0.87179365 -0.37377930  G-HEIGHTS  0.51077271 0.40244912 -0.4466906 G-68719482 0.4040723 -0.49464307 -0.27445874  G-HEIGHTS  0.34644917 0.45556641 -0.56677373 0.0057974067 -0.36384473  G-HEIGHTS   | 0.49430737 -0.59135273 0.62221095 0.23446655 -0.88598633 0.  0.41375732 0.35798535 -0.51358032 0.73647908 0.58508301 -0.38655090 0.  0.54853821 0.51693720 -0.49957275 0.04823303 0.49214172 -0.27645874 0.  0.664978149 0.62047119 -0.55366516 0.05168152 0.76664734 -0.29200745 0.  0.71080017 0.50907898 -0.30907898 -0.30907898 -0.30907898 -0.30907898 -0.30907898 -0.30907898 -0.30907898 -0.30907898 -0.30907898 -0.30907898 -0.30907898 -0.30907898 -0.30907898 -0.30907898 -0.30907898 | -0.47904968 -0.369537 0.8221995 0.14286904 -0.52236938 0.  0.34410095 -0.51107788 -0.50209045 0.69194031 00.37377930 0.  0.53093801 -0.56950378 -0.46560649 0.61776733 0.71231079 -0.91543579 0.  0.63752747 -0.63960693 -0.2693992 0.78872681 0.37463379 -0.39221191 0.  0.44168091 -0.57987976 -0.55238291 0.9005493 0.09892273 | -0.49024963 -0.59950360 -0.1428604 -0.79438702 -0.20444778 -0.374064 -0.57430811 -0.31277444 -0.37377930 -0.37377930 -0.37377930 -0.37377730 -0.37377730 -0.374640 -0.45724013 -0.49464307 -0.37536400 -0.45724013 -0.4964307 -0.39221191 -0.30006493 -0.322746411 -0.90006493 -0.938090315                                                                                                                                                                                                        |
| 0.44613647 0.47969787 -0.99997976 -0.99197976 -0.99116225 0.9064978 -0.49077097  CL 'CNMMT 43.1  0.73548609 -0.97469783 -0.91843090 -0.47669783 -0.91843090 -0.47669770 -0.4918704 -0.5337704 -0.54917467 -0.54917467 -0.54917467 -0.54917467 -0.54917467 -0.54917467 -0.54917467 -0.54917467 -0.54917467 -0.54917467 -0.5491770 -0.49184704 -0.57055664 -0.17527771 -0.39649800 -0.42396545 -0.99362732  COMPONENT 46.1  0.47013855 -0.49364561 -0.973576564   | 0.44140254                                                                                                                                                                                                                                                                                                                                                         | 0.49430737 -0.59135273 0.82221965 0.23446655 -0.88598633 0.  0.41375732 0.35798335 -0.51358032 0.73647908 0.58508301 -0.38655090 0.  0.54853821 0.51693725 -0.49957275 0.04823303 0.49214172 -0.27445874 0.  0.66978149 0.02047119 -0.55366516 0.05168152 0.7664734 -0.29200745 0.  0.71080017 0.59077898 -0.36974934 0.03125000                                                                                                                                                                | -0.4700968 -0.3645557 0.8221985 0.1428604 -0.52236938 0.  0.34410095 -0.51107788 -0.50209045 0.69194031 00.37377930 0.  0.53083801 -0.56950378 -0.46560689 0.4176733 0.71231079 -0.91543579 0.  0.63752747 -0.63960693 -0.26939392 0.78872681 0.37463379 -0.39221191 0.  0.44168091 -0.57285291 0.90005493                        | -0.49024965 -0.59956360 -0.14284804 -0.79438702 -0.20444978 -0.20444978 -0.57438611 -0.31277464 -0.37377930 -0.37377930 -0.37377930 -0.37377930 -0.4764307 -0.45724013 -0.45724013 -0.45724013 -0.45724013 -0.45724013 -0.45724013 -0.45724013 -0.45724013 -0.45724013 -0.45724013 -0.45724013 -0.45724013 -0.45724013 -0.52720745 -0.39221191 -0.52726411 -0.52726411 -0.52726411                                                                                                                 |

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| COMPONENT 47. 1                                         | G-wE1GHT9                                   |                                         |                                         |                                          |
|---------------------------------------------------------|---------------------------------------------|-----------------------------------------|-----------------------------------------|------------------------------------------|
| 0.51542500                                              | 0.51446533                                  | 0.50947407                              | 0.50901794                              | 0.57424927                               |
| 0.44453436                                              | 6.47131348                                  | 0.46038810                              | -0.53161621                             | -0.44354248                              |
| -0.53681946<br>-0.36642773                              | -0.533126#3<br>G.04289246                   | -0.49890576<br>0.48908997               | -0.5272 <b>0</b> 271<br>0.61175537      | -0.54771423<br>0.77024 <b>8</b> 41       |
| 8.42541504                                              | 0.48908997                                  | 0.77024841                              | 0.40104475                              | -0.45391846                              |
| <b>-0.</b> 93659973<br><b>-0.5</b> 6280518              | -0.43617249<br>-0.27265930                  | -0.27265930<br>0.                       | -0.43617249<br>0.                       | -0.62872314<br>0.                        |
| COMPONENT 48. 1                                         | C-WEIGHTS                                   |                                         |                                         |                                          |
| -                                                       |                                             |                                         |                                         |                                          |
| C.47131348<br>O.47024534                                | 0.55400085<br>0.50958252                    | 0.42153931<br>0.47798157                | 0.52290344<br>-0.51290894               | 0.57231140<br>-0.59301758                |
| ••                                                      | -0.60099536                                 | -0.53269958                             | -0.52851868                             | -0.62399292                              |
| -0.51962117<br>0.96942564                               | 0.<br>0.25016783                            | 0.93206707<br>0.01931763                | 0.12142944<br>0.75543213                | 0.932G4787<br>-0.44062805                |
| -0.56205750                                             | -0.54205750<br>-0.45554810                  | -6.45554810                             | 0.                                      | -0.56205750                              |
| -0.56205750                                             | -0.63334810                                 | 0.                                      | 0.                                      | 0.                                       |
| COMPONENT 49. 1                                         | G-WEIGHT3                                   |                                         |                                         |                                          |
| 0.51549464                                              | 0.48159790                                  | 0.52095032                              | 0.37696838                              | 0.53695679                               |
| 0.55792236<br>- <b>0.</b> 46441650                      | ∵.51028442<br>+0.52976990                   | 0.49923706<br>-0.54199219               | -0.53251648<br>-0.54547119              | -0.44131470<br>-C.46476746               |
| -0.47901917                                             | 0.31175232                                  | 0.                                      | 0.00575256                              | 0.94482739                               |
| C.27746582<br>-C.36573792                               | 0.99125671<br>-0.98046875                   | 0.94927979<br>-0.85775757               | 0.49754333<br>-0.27647729               | -0.27047729<br>-0.36573792               |
| -0.34573792                                             | -0.52337646                                 | 0.                                      | 0.                                      | 0.                                       |
| COMPONENT SO. 1                                         | G-WEIGHTS                                   |                                         |                                         |                                          |
| 0.51510420                                              | 0.51889038                                  | 0.52848816                              | V 31431.616                             | A 4444                                   |
| 0.41232300                                              | 0.48093872                                  | 0.36675862                              | 0.34834717<br>-0.62782288               | 0.60867310<br>-0.56831360                |
| -0.55274963<br>-0.55294900                              | ¢.<br>0.                                    | -0.53071594<br>0.91 <b>0</b> 45703      | -0.54484985<br>0.91845703               | -0.60252380                              |
| 0.59397868                                              | 0.65496145                                  | 0.31063843                              | 0.                                      | 0.60354614<br>-0.69206238                |
| -0.31300354<br>-0.68154907                              | -0.68154907<br>-0.69206238                  | -0.31300354<br>0.                       | -0.31300354<br>0.                       | -0.31300354<br>0.                        |
| COMPONENT 51. 1                                         |                                             | •                                       | ••                                      | ••                                       |
|                                                         | e-neicht?                                   |                                         |                                         |                                          |
| 0.46633911<br>0.80067444                                | 0.3859252 <del>9</del><br>0.63845825        | 0.38592529<br>0.38592529                | 0.55482483<br>-0.67886353               | 0.38124084                               |
| -0.46283386                                             | -0.63317871                                 | -0.20465098                             | -0.67665100                             | 0.<br>-0.66184998                        |
| -0.44184998<br>0.15055847                               | 0.15055847<br>1.0000000                     | 0.90504456<br>0.45214¥44                | 1.00000000<br>0.19187056                | 0.15055847<br>-0.38392639                |
| -0.64649896                                             | -0.44440808                                 | 0.                                      | -0.38392439                             | -0.84640808                              |
| -0.64640806                                             | -0.64640808                                 | 0.                                      | 0.                                      | 0.                                       |
| COMPONENT 52. 1                                         | G-WEIGHTS                                   |                                         |                                         |                                          |
| 0.34536743                                              | 0.51319885                                  | 0.67895508                              | 0.36489868                              | 0.46446228                               |
| 0.47595215<br>-G.44832275                               | 0.68005371<br>-0.46218872                   | 0.47688293<br>-0.59703064               | -0.45521545<br>-0.55337524              | -0.54571533<br>-9.48265076               |
| -0.43522444<br>0.198867#0                               | 0.22044373<br>0.92111206                    | 0.04713440                              | 0.95574951                              | 0.54963684                               |
| -0.30210874                                             | -0.72692871                                 | 0.51501465<br>-0.66838074               | 0.59193420<br>-0.30210876               | -0.30210876<br>-0.30210876               |
| -0.72692671                                             | -0.44838074                                 | 0.                                      | 0.                                      | 0.                                       |
| COMPONENT 53. 1                                         | G-WEIGHTS                                   |                                         |                                         |                                          |
| 0.50245667                                              | 0.49763489                                  | 0.45230103                              | 0.51574707                              | 0.50689697                               |
| 0.5135C403<br>-0.55543518                               | 0.50929260<br>-0.45375061                   | 0.50177002                              | -0.42207336                             | -0.45268250                              |
| -0.49126221                                             | 0.67193604                                  | -0.54109192<br>0.67193604               | -0.52462769<br>0.11668396               | -0.56835938<br>0.25476074                |
| 0.22939546<br>-0.35969543                               | 0.66595459<br>-0 <sub>6</sub> 35969543      | 0.69741821<br>-0.88931274               | 0.69161987<br>-0.91499329               | -0.39117432<br>-0.35 <b>94</b> 9543      |
| -0.35969543                                             | -0.36549377                                 | 0.                                      | 0.                                      | 0.                                       |
| COMPENENT 54. 1                                         | G-WEIGHTS                                   |                                         |                                         |                                          |
| 0.43988037                                              | 0.54619690                                  | 0.55679321                              | 0.53701128                              | 0.49139404                               |
| 0.43672180                                              | 0.51307678                                  | 0.43722534                              | -0.37026978                             | -0.54415894                              |
| -0.50572986<br>-0.52415466                              | -0.50035095<br>0.                           | -0.53889465<br>0.78959656               | -0.54418945<br>0.92468262               | -0.47142029<br>0.73554993                |
| 0.44709778<br>-C.68302917                               | 0.85955811<br>-0.46485396                   | 0.24343072                              | 0.                                      | -0.68302917                              |
| -0.34780884                                             | -0.66302917                                 | 0.                                      | 0.                                      | -0.27328491<br>0.                        |
| COMPONENT 55. 1                                         | G-WEIGHT9                                   |                                         |                                         |                                          |
| _                                                       |                                             |                                         |                                         |                                          |
| C.3945C623<br>C.46653748                                | 0.35430908<br>0.741210 <del>94</del>        | 0.44056396<br>C.37496948                | C.41584778<br>-0.45315552               | 0.62156677<br>-0.46908569                |
| -0.50122670<br>-0.47610474                              | -0.52430725<br>0.                           | -0.52006531<br>0.63555908               | -0.50297546                             | -0.55290222                              |
| 0.40475464                                              | 0.54536438                                  | 0.61528915                              | 0.71629333<br>0.49079895                | 0.59181213<br>-0.40 <del>9</del> 54590   |
| -0.42201233<br>-0.42954396                              | -0.32882690<br>-0.422(1233                  | -0.47253418<br>0.                       | -0.84542847<br>0.                       | -0.68925476                              |
|                                                         |                                             | ••                                      | V6                                      | 0.                                       |
| COMPONENT 56. 1                                         | G-WEIGHTS                                   |                                         |                                         |                                          |
| C.47629114<br>O.46081543                                | C.4/719323<br>C.55306897                    | C.56237793<br>G.43144226                | 0.56031799                              | 0.48701477                               |
|                                                         |                                             |                                         | -0.42022705<br>-0.49440002              | -0.44209290                              |
| -C.524A2605                                             | -0.57162476                                 | -C.600C2136                             |                                         | -0.45881453                              |
|                                                         | -0.57162476<br>  0.83947754<br>  0.84535217 | G-11128235<br>0-69110107                | 0.11714172                              | 0.35205078                               |
| -C.524#2605<br>-C.4#768616<br>0.925C1013<br>-0.32673645 | 2.83947754<br>0.84535217<br>-0.32673645     | G.11128235<br>O.69110107<br>-O.48474121 | 0.11714172<br>0.11714172<br>-0.97660828 | 0.35205078<br>-0.82798767<br>-0.32673645 |
| -C.524A2605<br>-C.48768616<br>0.926C1313                | 0.83947754<br>0.84535217                    | G.11128235<br>O.69110107                | 0.11714172<br>0.11714172                | 0.35205078<br>-0.82798767                |

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| COMPONENT 37. 1            | G-WEIGHTS                              |                                   |                                        |                                                      |
|----------------------------|----------------------------------------|-----------------------------------|----------------------------------------|------------------------------------------------------|
| C.414/4724                 | J-41934204                             | 0.43551434                        | 0.55319214                             | 0.50343323                                           |
| 0.55938721<br>-0.63435364  | 0.63316345<br>0.                       | C.48187256                        | -0.48370361                            | -0.42973022                                          |
| -C.52830.35                | 0.85411072                             | -0.50 <b>866699</b><br>0.79534412 | -0.65353394<br>0.                      | -0.56155396<br>0.85411072                            |
| G.83377375<br>-0.63212545  | C.<br>-0.71855164                      | C.<br>-0.61332092                 | G.66259766                             | 0.                                                   |
| -C.71855:44                | -0.54665339                            | 0.                                | -0.632125 <b>8</b> 5<br>0.             | -0.71 <b>05</b> 5164<br>0.                           |
| COMPONENT 58. 1            | G-KEICHTS                              |                                   |                                        |                                                      |
| 0.57614463                 | 0.60231016                             | 0.48950195                        | 0.40107256                             | 0.44863892                                           |
| 0.50296865<br>-0.53808394  | 0.45945740<br>-0.35890198              | 0.44447327<br>-0.52580261         | -0.50100708<br>-0.53710938             | -0.53848637                                          |
| -0.465393C7<br>C.4C2C2332  | C.89468274                             | -0-27658081                       | 0.64428711                             | -0.53465271<br>0.30322266                            |
| -0.64989233                | 0.30911255<br>-0.602 <del>9</del> 5105 | 0.27069092<br>-0.07574463         | 0.89668274<br>-0.31214905              | -0.31214405                                          |
| -C.6C235105                | -0.69589233                            | 0.                                | 0.                                     | -0.701764 <b>9</b> 7<br>0.                           |
| COMPONENT 59. 1            | G-WEIGHTS                              |                                   |                                        |                                                      |
| 0.53901404                 | 0-42007446                             | 0.49177551                        | 0.46257019                             | 8.50440979                                           |
| 0.5104C649<br>-0.47970391  | 0.51701355<br>-0.50851440              | 0.56364441<br>~0.58721924         | -0.44300842                            | -0.44975700                                          |
| -0.44314575                | 0.72(44209                             | 0.39588926                        | -0.47657776<br>0.763442 <del>99</del>  | -0.59117126<br>C.43 <b>069</b> 619                   |
| 0.15958018<br>-C.33049Jll  | 0.41218547<br>-C.33049011              | 0.43869019<br>-0.65760803         | 0.72C64209<br>-0.35290527              | -0.74027643                                          |
| -0.35290527                | -0.33049711                            | 0.                                | 0.                                     | -9.6 <b>8469</b> 238<br>0.                           |
| COMPCHENT 60. 1            | G-WEIGHTS                              |                                   |                                        |                                                      |
| 0.48713484                 | (.42379741                             | 0.83419800                        | 0.41455078                             | 0.42021179                                           |
| C.46193777<br>-G.384C1794  | 0.54341125<br>-0.62120056              | 0.41471863<br>-0.42065125         | -0.08193970                            | -0.42203325                                          |
| -0.61552429                | 2.                                     | 0.66442871                        | -0.61256409<br>0.94474792              | -0.44123840<br>0.66691589                            |
| 0.2G321655<br>-0.7J28G457  | 0.05610657<br>-0.70565796              | 0.94474792<br>-0.70280457         | 0.51980591                             | -0.18260193                                          |
| -C.25167847                | -0.70565796                            | G.                                | -0.70280457<br>0.                      | -0.04591370<br>0.                                    |
| COMPCNENT 61. 1            | G-WEIGHTS                              |                                   |                                        |                                                      |
| 1.00000000                 | 2.41914368                             | 0.336C1379                        | 0.46899414                             | A 40474479                                           |
| 0.44371033<br>-0.54910278  | 0.41600037                             | 0.41943359                        | -C.51751709                            | 0.49656677<br>-0.512 <b>96</b> 523                   |
| -0.51119995                | -G.51855469<br>0.63146973              | -0.50068665<br>0.77268982         | -0.49658203<br>0.93896484              | -0.39311218                                          |
| 0.63146973                 | 0.77268982                             | 0-12629700                        | 0.                                     | 0.12629700<br>-0.46920776                            |
| -0.09820557<br>-0.66579674 | -0.88970947<br>-0.46920776             | -0.4692 <b>0</b> 776<br>0.        | -0.46920776                            | -0.46920774                                          |
| COMPONENT 62. 1            | G-WEIGHTS                              | •                                 | 0.                                     | 0.                                                   |
| 0.46340942                 |                                        |                                   |                                        |                                                      |
| 0.61167908                 | 0.47001648<br>0.46472168               | C•43553162<br>C• <b>4298</b> 5229 | 0.46340 <del>9</del> 42<br>-0.47425842 | 0.4607 <b>00</b> 62<br><b>-0.23<del>9990</del>23</b> |
| -0.56294250<br>-0.55758667 | -0.56419373<br>0.57385254              | -0.46472168                       | -0.55509949                            | -0.54039656                                          |
| 0.57385254                 | 0.57385254                             | 0.51242065<br>0.51242065          | 0.59799194<br>0.                       | 0.65545654<br>-0.48623657                            |
| -0.54936218<br>-0.47029541 | +0.46145630<br>-0.54936218             | -0.48623657<br>0.                 | -0.49029541                            | -0.48623657                                          |
|                            | G-WEIGHTS                              | <b>v.</b>                         | 0.                                     | 0.                                                   |
| 0.41404724                 | 0.52261353                             | A #100000                         |                                        |                                                      |
| 0.52655029                 | 0.47579430                             | 0.51872253<br>0.69627380          | 0.43041992<br>-0.57141113              | 0.41528320<br>-0.46861267                            |
| -0.57800293<br>-0.48609724 | -0.38725281<br>J.34024048              | -0.57827759                       | -0.50991821                            | -0.41967610                                          |
| 0.46508789                 | 0.30204773                             | 0.95992432<br>0.30204773          | 0.17720032<br>0.56843567               | 0.98478699<br>-0.49082947                            |
| -G.65392385<br>-C.65302385 | -0.65382385<br>-0.07452393             | -0.49082947<br>0.                 | -0.49082947                            | -0.49082947                                          |
| COMPONENT 64. 1            |                                        | <b>V.</b>                         | 0.                                     | 0.                                                   |
| C.50551938                 |                                        |                                   |                                        |                                                      |
| C.46997070                 | 0.48303223<br>0.53353982               | 0-45773315<br>0-57127380          | 0.45710754<br>-0.31214905              | 0.52143860                                           |
| -0.60514832<br>-0.47723389 | ~0.57521057                            | -C.53442383                       | -0.45825195                            | -0.42124160<br>-0.41607666                           |
| 0.48522949                 | 0.64582925<br>0.44844055               | G.26251221<br>O.43246460          | 0.83175659<br>0.24653625               | 0.64710999<br>-0.38813782                            |
| -C.41987341<br>-C.57270413 | -0.60951233<br>-0.60951233             | -0.80951233<br>0.                 | -0.38813782                            | -0.41087341                                          |
|                            | G-WEIGHTS                              | ••                                | 0.                                     | 0.                                                   |
| 0.40931762                 |                                        |                                   |                                        |                                                      |
| 0.31918335                 | C.514C5334<br>O.440C4822               | 0,42837524<br>0.68994141          | 0.69915771<br>-0.38854980              | 0.49935913                                           |
| -C.54139038<br>-0.51701355 | -0.56623840                            | -0.51356032                       | -0.37934875                            | -0.43019104<br>-0.42303142                           |
| C.41331482                 | 0.502304C8<br>0.66017151               | C.<br>0.55300703                  | 0.90481567<br>0.16867065               | 0.79763794                                           |
| -C.47024536<br>-C.36038268 | -0.86386108<br>-0.36038208             | -0.360382CB                       | -0.36038208                            | -0.94030208<br>-0.86386108                           |
|                            |                                        | c.                                | 0.                                     | 0.                                                   |
|                            | G-WEIGHTS                              |                                   |                                        |                                                      |
| 1.00000000<br>C.52476501   | J.71467114<br>2.35351563               | 0.45033264                        | 0.30184937                             | 0.30122375                                           |
| -0.51456370                | -0.55297952                            | 0.35351563<br>-0.44911194         | -0.52777100<br>-0.57894897             | -0.53433228<br>-0.29846028                           |
| -0.54292297<br>0.03733926  | 0.<br>0.C9213257                       | 1.00000000                        | 0.92243958                             | 0.25819397                                           |
| -0.54257202                | C.                                     | 1.0000000<br>-0.44138123          | 0.63984985<br>-0.63304138              | -0.66136123                                          |
| -0.63136123                | -0.790181R8                            | 0.                                | 0.                                     | o.                                                   |
| COMPENENT 67. 4            | G-WEIGHTS                              |                                   |                                        |                                                      |
| 0.30976H6R                 | 0.32145491                             | 0.30766296                        | 0.44818115                             | 0.79249409                                           |
| 0.58094788<br>-0.55937.45  | 0.34654917<br>-0.53849915              | 0.89178467<br>-0.24009705         | -C.50469971                            | -6.61448669                                          |
| -(.5=014616                | 0.                                     | G.97648621                        | -0.43608093<br>0.97648621              | -0.58587646<br>0.57880961                            |
| C+62561235<br>-++36798095  | 0.18922424<br>-0.12911987              | 0.13638306<br>-C.36795096         | 0.09693909<br>-0.36798096              | -C.36798096                                          |
| -0.94564819                | -0.66528320                            | (.                                | 0.                                     | -0.78794861<br>0.                                    |
|                            |                                        |                                   |                                        |                                                      |

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| _                                         |                                   |                            |                                          |                                              |
|-------------------------------------------|-----------------------------------|----------------------------|------------------------------------------|----------------------------------------------|
| COMPENENT 68. 1                           |                                   |                            | C.52344802                               | 0.47431944                                   |
| 0.47546223                                | G.57104492<br>J.51956177          | C.47770491<br>G.48185730   | -0.52470398                              | -0.49502543                                  |
| 0.475?3 <del>16</del> 4<br>-C.52773384    | -0.52983911                       | -0.50611977                | -0.527526 <del>0</del> 6<br>0.26579285   | -9.41465759<br>0.69499207                    |
| -0.47419774                               | D.69499207<br>Q.3499929           | (,34376526<br>(,69493207   | C.49499207                               | -0.42590027                                  |
| C.25965541<br>-0.63296482                 | -6.54179302                       | -6.19671631                | -0.63204482<br>0.                        | -0.54795837<br>0.                            |
| -9.62590.27                               | -0.17671631                       | <b>6.</b>                  | ••                                       | ••                                           |
| COMPONENT 57. 1                           | G-WEIGHTS                         |                            |                                          |                                              |
| 0.39894164                                | 0.74914551                        | 0.39353743                 | 0.37710571<br>-0.49C49377                | 0.73116591<br>-0.57545308                    |
| 0.37653.15                                | 0.49493404<br>-0.25355536         | C.45797729<br>-C.41490173  | -0.51038879                              | -0.54841877                                  |
| -0.61534533<br>-0.539702 <i>9</i> 5       | 0.                                | (.00784302                 | 0.99081421<br>0.41929471                 | 0.32659912<br>-0.44052124                    |
| 0.94419726                                | 0.99081421<br>-C.4C408325         | (.32054138<br>-C.10521118  | -2.440%2124                              | -0.99275208                                  |
| -C.10521116                               | -0.44032124                       | c.                         | 0.                                       | 0.                                           |
| COMPONENT 76. 1                           | G-KFIGHTS                         |                            |                                          |                                              |
|                                           | 0,51588440                        | 0.54290771                 | 0.46685791                               | 0.56942993                                   |
| C.52363477<br>C.52385499                  | 0.39682307                        | G.52833557                 | -0.52032471                              | -0.57 <b>0</b> 59 <b>0</b> 02<br>-0.66197205 |
| -0.57984924                               | -L.50947571<br>U.57641602         | -0.57096863<br>0.          | -0.50883484<br>0.54704285                | 1.00000000                                   |
| -0.06939L 77<br>0.57892273                | 0.                                | C.27757263                 | 1.00000000<br>-0.31742859                | -0.25921431<br>-0.31742839                   |
| -0.90536499<br>-c.53601831                | -0.55001831<br>-0.55001831        | -0.55001431<br>C.          | G.                                       | Ó.                                           |
|                                           |                                   |                            |                                          |                                              |
| COMPONENT 71. 1                           | G-WEIGHTS                         |                            |                                          | 0.50444309                                   |
| 0.56782776                                | C.50851440                        | C.53352356<br>0.46083069   | <b>0.53422546</b><br>-0. 63.6 <b>956</b> | -0.55609131                                  |
| 0.54946 <b>899</b><br>-0.4687957 <b>8</b> | 0.39860535<br>-0.45391846         | -0.54559326                | -0.47C19958<br>D.C8840942                | -0.47610474<br>0.25166321                    |
| -6.54573059                               | 0.753234 <b>8</b> 6<br>0.55690302 | 0.23986616<br>G.70837402   | 0.68110657                               | -0.87484741                                  |
| C.72016907<br>-C.33416748                 | -0.36143494                       | -c.49743652                | -0.87484741<br>0.                        | -0.33416748<br>Qj                            |
| -0.36143494                               | -0.34143494                       | c.                         | U•                                       | ¥                                            |
| COMPCNENT 72. 1                           | G-MEIGHTS                         |                            |                                          | 7                                            |
| 0.51002502                                | 0.50268555                        | 0.53459147                 | 0.49482727                               | 0.49362183                                   |
| 0.41177178                                | 0.55169674                        | 0.50090027<br>-0.48600769  | -0,47447205<br>-0,59542847               | -0.49748230<br>-0.49647522                   |
| -C.53429138<br>-C.40835571                | -0.50198364<br>0.                 | 0.07554932                 | 0.49075012                               | 0.17170715<br>-0.28312683                    |
| 0.35383604                                | 0.75921631<br>-0.30450439         | 0.57441711<br>-0.83042908  | 0.57441711<br>-0.3045043 <b>9</b>        | -0.49020015                                  |
| -0.80905151<br>-0.49028015                | -0.48756409                       | 0.                         | 0.                                       | 0.                                           |
| COMPONENT 1 - 2                           | G-WEIGHTS                         |                            |                                          |                                              |
|                                           | -0.5000000                        | C.21298218                 | 0.95039368                               | 0.73611450                                   |
| 0.5005000                                 | 0.56224060                        | C.35772705                 | 0.53935242                               | 0.44349365<br>0.76780701                     |
| 2.32033479<br>C.47456360                  | 0.26971436<br>1.0030093u          | G.#9324951<br>1.00000000   | 0.59548950<br>0.98243713                 | 0.62612915                                   |
| 0.                                        | 0.10598755                        | 0.35997009                 | 1.00000000<br>0.77105713                 | 0.01570129<br>0.20438984                     |
| C.48103333<br>0.03243855                  | 0.68238931<br>G.837799G7          | 0.68177795<br>0.58551025   | 1.00000000                               | 0.78243713                                   |
| 0.07637354                                | 0.20715332                        | 0.33204451                 | 0.92788696<br>0.                         | 0.45538025<br>0.155 <b>990</b> 60            |
| 0.27671414                                | 1.00000000                        | 0.911132#1<br>0.55453381   | 0.42719727                               | 0.90980530                                   |
| 0.94296592                                | 0.50445557<br>0.                  | 0.71792603<br>0.93929898   | 0.264#162#<br>0.                         | 0.<br>0.38768005                             |
| C.41163567<br>O.32633667                  | 0.                                | 0.20019531                 | 0.                                       | -0.45094299                                  |
| -0.4734C388<br>-0.45894712                | -0.67965698<br>-0.64573669        | -0.43652344<br>-0.35566711 | -0.20828247<br>-0.46627808               | -0.00470276<br>-0.13232422                   |
| -6.94866941                               | -0.49708557                       | -0.79095459                | -0.94866943<br>-0.92939758               | C.<br>-0.55661011                            |
| -0.94966443<br>-0.42257;13                | -0.43374634<br>-0.39466858        | -0.44335938<br>-0.33412170 | -0.93325806                              | -0.24650574                                  |
| -0.86575917                               | -0.59344482<br>-0.82818604        | -0.84434509<br>-C.66986084 | -0.14848328<br>-0.49404907               | -0.37780762<br>-0.91468811                   |
| -0.07347107<br>-0.66029358                | -0.63571167                       | -0.51272583                | -0.76603699                              | -0.62324524                                  |
| -0.472" 376<br>-0.354 (c.63               | -0.85411372<br>-0.13232422        | -0.10784912<br>-0.51068115 | -0.70571 <b>899</b><br>0.                | -0.32151794<br>-0.74281311                   |
| -0.42 /6769                               | -0.41595154                       | -0.53744507                | -0.11769104<br>-0.89549255               | 0.<br>-0.70870972                            |
| 0.<br>-0.25457196                         | ≎.<br>¢.                          | -0.09486389<br>G.          | 0.                                       | 0.                                           |
| COMPCHENT 2. 2                            |                                   |                            |                                          |                                              |
|                                           |                                   | 0 24244125                 | 0.09669221                               | 0.17147827                                   |
| 0.500000                                  | -0.50003900<br>0.24229431         | 0.76216125<br>C.70942524   | 0.16238403                               | 0.                                           |
| 0.05506847<br>C.53874207                  | 0.55534343<br>C.47340393          | 0.26498413<br>0.49324036   | 0.45823669<br>0.08645959                 | 0.93389893<br>0.73175049                     |
| 0.82643457                                | 0.86389160                        | 1.00000000                 | 0.10185242                               | 0.57955933                                   |
| C.89285178<br>1.00006000                  | C.11529541<br>C.97393799          | 0.89439392<br>C.53043965   | 0.<br>0.93464661                         | 0.<br>0.18579102                             |
| 0.63636676                                | 0.40894301                        | 0.09559431                 | 1.00000000                               | 0.29754639<br>0.70037842                     |
| 0.6466717C<br>0.91993.64                  | C.<br>0.74673462                  | 0.87837646<br>0.9346461    | 0.<br>0.                                 | 0.89439392                                   |
| (•                                        | C.47755432                        | 0.17372131<br>0.80146790   | 0.01202393<br>0.61457825                 | 0.72544861<br>0.93464661                     |
| 0.<br>6.62676#38                          | 0.80552673<br>0.59677124          | 0.24220274                 | 0.97393799                               | -0.27738953                                  |
| -0.94239281                               | -0.86083934<br>C.                 | -0.83164978<br>-0.42059326 | -0.99093428<br>-0.99093428               | -0.80381775<br>-0.93544004                   |
| -r.4193267A                               | -0.50398254                       | -0.99093628                | -0.74892090                              | -0.11637678<br>-0.18119812                   |
| -0.15773010<br>-0.13746443                | -c.42594910<br>6.                 | -C.314#3459<br>-C.45599365 | -0.316101G7<br>-0.40086365               | -0.45245361                                  |
| -0.15657192                               | -0.07924941                       | -C.12257385<br>-G.20153809 | -0.99093626<br>-0.99093628               | -0.12257385<br>-0.43304443                   |
| -0.39(33128<br>-0.24716.87                | -0.58735657<br>-u.26308167        | -0.88726907                | -0.99093628                              | -0.93869019                                  |
| <b>(.</b>                                 | -0.73074141<br>-0.97093628        | -C.35075378<br>-C.11769104 | -0.99093628<br>-0.25329590               | -0.09165955<br>-0.03572083                   |
| -0.45327427<br>-0.43673429                | -0.63572983                       | -0.20428467                | -0.83405937                              | -0.23750305                                  |
| -C.532263<br>-C.17257135                  | -c.49411011<br>U.                 | -0.54530334<br>G.          | -0.87677002<br>0.                        | 0.<br>0.                                     |
| *00000000000000000000000000000000000000   | NCVC5+100000500014                | 140101-000000000001        |                                          |                                              |
|                                           |                                   |                            |                                          |                                              |

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1 OUTPUT OUT OF RANGE, NEW BIAS = CONTROL=COOCOOCOOCOOT
1 OUTPUT OUT OF RANGE, NEW BIAS = CONTROL=COOCOOCOOCO
1 OUTPUT OUT OF RANGE, NEW BIAS = CONTROL=COOCOOCOOCOO
LEVEL
 -0.56131383
LEVEL
 -0.79466471
LEVEL
 3 BIAS CHAYGES
 COMP.
 -0.79466471
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 0.5745736
 0.2550222
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0.0713738
 63.
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 0-1734493
 0.4106153
 0.0997001
 1. 1 0.
OUTPUT OUT OF RANGE.
 NEW BIAS -
 -0.50060031
LEVEL
 2 BIAS CHANGES
 - ZAIG
 -0.89116140
 LEVEL 2
 MS -
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 COMP. 0. 0
 COMP. 2. 2
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 OUTPUT
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 COMP.
 1. 2
1 IS
2 IS
 1.0482259
1.04823
*** 61 [YPUT H2
MINPS=00000000011
 INDENTIFICATION CORRECT
NCYCS=00000000014 INDICT=000000000001
 -0.37267485
LEVEL
LEVEL
 -0.89149557
 -1.41031629
LEVEL
FEAET
 -1.15090594
 LEVEL
 0.09999999
 BIAS =
 -1.15090594
 COMP.
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 71.1 C. 72.1 0.2390522 0.
2 OUTPUT OUT OF RANGE, NEW BIAS = -0.44356750
CONTROL=000C00000001
2 OUTPUT OUT OF RANGE, NEW BIAS = -0.57937717
CONTROL=0000C000C0003
2 BIAS CHANGES
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 BIAS =
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 COMP. OUTPUT
 COMP. OUTPUT
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 1.0721404
 1 15
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*** 62 ENPUT V2
MEMPS=00000000000010
 INDENTIFICATION CORRECT
NCYCS=00000000014 IM
 INDICT=03000000000001
-0.40894054
 -1.03627731
 -1.35294570
 -1.11694442
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-0.36796296

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 -2.41971090
 -1.49913519
LEVEL
 CONTROL - C00C00000007
 2 OUTPUT OUT OF RANGE, NEW BIAS =
CONTROL = 205CO 200C OCT
6 BIAS CHANGES
 -2-18956694
 LEVEL
 -2.10956694
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 1.0325787
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 *** 63 INPUT H3
 INDENTIFICATION CORRECT NCVCS=000000000014 INC
 [ND1C1=000000000000001
 L OUTPUT OUT OF RANGE, NEW BIAS = CONTROL=CO-OGOCOCOO1
LOUTPUT OUT OF RANGE, NEW BIAS = CONTROL=CC-CC-CC-CO-OO3
LOUTPUT OUT OF RANGE, NEW BIAS =
 -0.45816360
 reagr.
 -0.97224125
 FEAFF
 -1.45631890
 LEVEL
 1 OUTPUT ONT OF RANGE, NEW BIAS = CONTROL = COCCUCOCOGO 7
1 OUTPUT OUT OF RANGE, NEW BIAS = CONTROL = COCCUCOCOGO 7
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 -1.22928008
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0.32665
0.74031
 o. c
 SUM NC.
 *** 64 ['IPLT V')
MINPS=0000000000000000
 INDENTIFICATION CORRECT NCYCS=000000000014 INDICT=000000000001
 1 OUTPUT OUT OF RANGE, NEW BIAS = CONTROL= 1000 COOCUO1 1 OUTPUT OUT OF HANGE, NEW BIAS = CONTROL= 1000 OF RANGE, NEW BIAS =
 -0.08164676
 LEVEL
 -0.23948960
 -0.43733244
 LEVEL
 I DUTPLT OUT OF RANGE, NEW BIAS = CONTACL=: OCC.COCGOG L GUTPLT OUT OF RANGE, NEW BIAS = CONTACL=: OUT OF RANGE, NEW BIAS = CONTROL=: OCC.CCC.
 LEVEL
 -0.34841102
 -0.30395032
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S ATAS CHARGES
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 -0.39395032
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2 OUTPUT OUT OF RANGE.
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2 OUTPUT OUT OF RANGE.
CONTROL ~C TOCLOCCOOL
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 INDENTIFICATION CORRECT
NCVCS=COOUDOCOOD14 IN
 *** 65 17FLT H4
 [10] [CT-93000000000001
 I GUTPLT OUT OF RANGE, NEW BIAS = CONTROL=COOLOGGCCI NEW BIAS = CONTROL=20010200003
1 OUTPLT OUT OF RANGE, NEW BIAS = CONTROL=COCCOGGO03
1 OUTPLT OUT OF RANGE, NEW BIAS = CONTROL=COCCGO07
4 DIAS CHANGES
 -0.41336211
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 -1.61587119
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 AIAS -
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 0.6679524
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2 QUIPUT DIT OF RANGE.
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 CONTROL=2020CCOOCOG1
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 0.06430109
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 COMP.
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 G-9354981
 0. 0
 Ģ.
 SUM NC.
SUM NG.
 0.93570
 *** 66 INPUT V4
MINPS#00000000000000004
0.06944443
 47.50462815
 23.78703618
 11.92824042
 5.99884242
 3.03414345
 1.55179396
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0.81061922
 €. 44003186
 0.42532553
 0.53267869
 0.57900211
 CONTROL=00000000000007
 0.57900211
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 UT COMP.
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 0.3765856
0.0878112
0.0092911
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 NEW BIAS .
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 0.121#3654
 LEVEL 2
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0.5487752 2. 2 0.4512248 0. 0 0.
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 INDENTIFICATION CORRECT
NCYCS-000000000014 INDICT-000000000000
 IMPUT HS
 MEMP $=0000000000000
 1 OUTPUT OUT OF RANGE, NEW BIAS = CONTROL=COOCOCOCOCO 1 OUTPUT OUT OF RANGE, NEW BIAS =
 LEVEL
 -0.40656336
 LEVEL
 1 OUTPUT OUT OF RANGE, NEW BIAS = CONTROL-OCCCOOCOCCO NEW BIAS = 1 OUTPUT OUT OF RANGE, NEW BIAS =
 LEVEL
 -1.20333253
 LEVEL ...
 CONTROL-000GCCOGGOO7
 -1.33612739
 5 BIAS CHANGES
 BIAS - -1.33612739
 0.09999999
 LEVEL
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 LEVEL 2
 BIAS = -0.86012299
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 LEVEL L OUTPLT OUT OF RANGE, NEW BIAS =
CONTROL=COCC. GOODOL
LEVEL L OUTPLT OUT OF RANGE, NEW BIAS =
CONTROL=DUCCCCOCCOCS
 -0.04702365
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LEVEL
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 BIAS -
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 SUM NC.
 INPUT H6
 INDENTIFICATION CORRECT
 100000000000001M
 NCYCS=000000000014
 IND1CT=00000000000001
 1 OUTPUT OUT OF RANGE, NEW BIAS =
 LEVEL
 -0.46254507
 -1.09155905
 -1.72057563
LEVEL
 -1.40606755
 LEVEL
 -1.24881381
 LEVEL
 -1.32744068
 CONTROL=00000GGGGGG
6 BIAS CHANGES
 LEVEL
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 0.09999999
 BIAS =
 -1.32744068
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 INDENTIFICATION CORRECT NCYCS=00C000000014 INDICT=000000G0001
*** 70 I YPUT V6
MINPS=000000014
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2 RIAS CHANGES

MAIN TEST IS DON'.

## 45-424.FLANGHER, J.G., MREAM

| 106   | 25C   | ACCOUNTING | 040566 |
|-------|-------|------------|--------|
| TOTAL | 7044  | TIPE       | 120305 |
| TOTAL | 7094  | TIME       | 000431 |
| TOTAL | CARDS | READ       | 002242 |
| TOTAL | CARDS | PUNCHED    | GCC124 |
|       |       | PHINTED    | CO8132 |
|       |       | USED       | 000002 |

THE CHALLENGE IN GOOD PROGRAM DESIGN AND DEVELOPMENT IS TO DISTINGUISH USEFUL IDEAS FROM THE INGENIOUS

FRO DEFECTS

9 214833 0 1308 321 0.10,15000 65-424.FLAUGHER, J.G., MRBAM 90 UNIT FUNCTION SYMBOLIC RD CRD PU PCH A3 0U1 A4 PP1 A5 CK1 Al LBL A(4) B(1) 40 LOSICAL 40 UNIT DI SK 02 01 SK 03 04 DISK DISK 05 015K 06 07 08 09 10 DISK DISK DISK DISK DISK 12 13 14 15 16 DISK DISK DISK DISK DISK 33 34 00 DISK DISK DISK TO UNIT FUNCTION SYMBOLIC TO LOGICAL 88 CZ C5 C 3 C4 6.6 n i D3 40 UNIT 9 214833 O SSETUP A(4) 9 214833 O SSETUP B(1) 9 214833 O SATEND 9 214833 O SENECUTE DISK,1106 DISK,1327 00000.777777,6,DUMP IBJ08 9 215048 0 9 215052 0 \$SEOP 670L LINES OUTPUT. 9 215052 0 PERIPHERAL FILE P' ITEONS AT END OF JOB 9 215052 0 SYSPP1 9 215052 0 SYSOUL 9 215052 0 SYSINL REC. 00642, FILE 00000 REC. 01186, FILE 00000 REC. 00001, FILE 00003 9 215052 0 END DF JOB 9 215056 0 SYSTEMS CORE DUMP TAKEN AT THIS POINT IBJOB VERSION 5 HAS CONTROL. SIBJOB MAP SIBMAP UNOL UNO1 7094 RELMOD ASSEMBLY. 01/20/68 PAGE 1 SIBLOR UNG1 28 JAN 66 UN010000 SFILE UNOL 'UNITO1'.A(1).READY.INDIT.BLK=256.BIN UN010001 UNOI 01/28/66 PAGE 2 FILE DICTIONARY. SEDICT UNOL UN010002 BINARY CARD ID. UN010003 206002000400 000000000000 644531630001 606060606060 60606306060 BIN, INOUT (NOHC VN, BLK=256 01/28/66

MANAGER STORES & SANGER STORES OF THE SANGER STORES

UNO1 ASSEMBLED TEXT.

STEXT UNDI

.UNOL.

BINARY CARD ID. UN010035 00000 0 00000 0 04001 10010 .UN01. PZE UNITO1 FILE

ENTRY

UNITO: +A(1), READY, INDUT, BLK=256.BIN

PAGE 3

UNG10004

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UNC1 CONTROL DICTIONARY
 01/20/66
 PAGE 4
 SCDECT UNOL
 UN010006
BINARY CARD IS. UN010007
 0000100000
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0000100000
336445000133
 PREFACE
 START=0.LENGTH=1.TYPE=7094.CPPLX=5
 LOC=O.LENGTH=1
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 DECK
 LOC=0.LENGTH=0
 SOKEND UNOI
 UN010008
NO MESSAGES FOR THIS ASSEMBLY
 UNO1
SYMBOL REFERENCE DATA
 01/28/66
 PAGE 5
REFERENCES TO DEFINED SYMBOLS.
 CLASS SYMBOL
 VALUE REFERENCES
 .UNOL.
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UNQ3
 LCTR
 QUAL
LCTR
FILE
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SIBRAP UNOS
 01/28/66
 PAGE 7
 UNO 3
 7094 RELMOD ASSEMBLY.
 UN030000
 SIBLDR IM03
 28 JAN 66
 UNITO3,A(31,READY,INGUT,BLK*256,BIN
 UN030001
 SFILE UN03
 PAGE 8
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 UN030002
 SEDICT UN03
BINARY CARD ID. UN030003
206002000400 UNITO3 FILE 'UNITO3
 BIN, INDUT-NOHC VN. BLK-256
 644531630003
60606060606060
6G606060606060
 UNO3
 01/22/66
 PAGE 9
 ASSEMBLED TEXT.
 STERT UN03
 §*N030004
 .UN03.
BINARY CARD ID. UN030005
00000 0 00000 0 04001 10010 .UM03.
 .UMO3. PZE
UNITO3 FILE
END
 UNITO3
,A(3),READY,INOUT,BLK=256;BIN
 00000 01111
 UNO3
CONTROL DICTIONARY
 01/28/66
 PAGE 10
 SCDICT UN03
 UN030006
BINARY CARD 13. UN030007
000001000000
 PREFACE
 S"ART=0,LENGTH=1,TYPE=T094,CMPLX=5
 000004000005
644500036060
000001000000
336445000333
 UWO3
 DECK
 LOC=0, LENGTH=1
 LOC=0.LENGTH=0
 .UNO3. REAL
 000000000000
$DXEND UN03
 UN030008
NO MESSAGES FOR THIS ASSEMBLY
 UNO3
SYMBOL REFERENCE DATA
 01/28/66
REFERENCES TO DEFINED SYMBOLS.
 CLASS SYMBOL VALUE REFERENCES
 .UNO3.
BLCTR
UNOS
 LCTR
GUAL
LCTP
FILE
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UNI TO3

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PAGE 12
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 PAGE 13
SIBRAP UNO4
 01/28/66
 UN04
 7094 RELMUD ASSEMBLY.
 UN040000
 28 JAN 66
 SIBLOR UN04
 UNIO4 0001
 UNITO4;A(4).READY.INDUT.BLK=256,BIN
 SFILE UNO4
 PAG
 01/28/66
 UNO4
FILE DICTIONARY.
 UN040002
 SEDICT UNO4
 BIN, INOUT INDICAN, BLK=256
BINARY CARD ID. UM040003
206002000400
000000000000
644531630004
60606060606
606060606060
 01/26/66
 UNO4
ASSEMBLED TEXT.
 UN040004
 STEXT UN04
 .UN04.
 ENTRY
 BINARY CARD ID. UN040005
00000 0 00000 0 04001 10010
 UNITU4
,A(4),READY,INOUT,BLK=256,BIN
 .UNO4. PZE
UMITO4 FILE
END
 00000 01111
 PAGE 16
 01/28/66
 UN04
 CONTROL DICTIONARY
 UN040006
 SCDICT UN04
 BINARY CARD IB. UN040007
 STARI-G.LEMBTH=1.TYPE=7094.CMPLX=5
 PREFACE
 000001000000
 000004000005
644500046060
000001000000
 LOC=0.LENGTH=1
 UN04
 DECK
 LOC=0, LENGTH=0
 .UMO4. REAL
 3364450 U0433
000000000000
$DKEND UNUT
 UN040008
 NO MESSAGES FOR THIS ASSEMBLY
 01/28/66
 UNG4
SYMBOL REFERENCE DATA
 REFERENCES TO DEFINED SYMBOLS.
 CLASS SYMBOL
 VALUE
 HEFERENCES
 .UNO4.
BLCTR
UNQ3
 00000
 LCTR
 QUAL
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 UNITO4
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 01/28/66
 SIBMAP UNOS
 PAGE 19
 UNOS
7094 PELMUD ASSEMBLY.
 01/28/66
 UN080000
 SIBLDR UNOS
 28 JAN 66
 "UNITOB", A18), READY, INOUT, BLK=14, BCD
 UN080001
 SEILE UNOB
 PAGE 20
 01/28/66
 UNOB
 FILE DICTIONARY.
 PN080005
 SEDICT UNOR
 BINARY CARD ID. UN080003
 W. UNUBUOUS
20200200016 UNITOB FILE 'UNITOB
000000000000
644511630010
606060606060
 BCD, INOUT, NOHCVN, BLK=14
 606060606060
 01/28/66
 PAGE
 UNOB
ASSEMBLED TEXT.
 UN080004
 STEXT UNGE
 ENTRY
 .UNOB.
 BINARY CARD ID. UNU80005
00000 0 00000 0 04001 10010 .UNOB. PZE
UNITOS FILE
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UNITOR .A(8).REACY.EMOUT.BLK=14.BCD

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PAGE 22
 01/28/66
 UNDS CONTROL DICTIONARY
 UN080004
 SCOICT UNOB
BINARY CARD ID. UN080007
 START=O.LENGTH=1.TYPE=7094.CMPLX=5
 N. UN080007
000001000000
000004000005
644500106060
00000100000
336445001033
0000000000000
$DKEND UN08
 PREFACE
 LOC-O, LENGTH-1
 30KB
 DECK
 LOC=0.LENGTH=0
 .UNUB. RÉAL
 UN080C08
NO MESSAGES FOR THIS ASSEMBLY
 PAGE 23
 01/28/66
 UNOS
SYMBOL RFFERENCE DATA
REFERENCES TO DEFINED SYMBOLS.
 VALUE REFERENCES
 CLASS SYMBOL
 00000
 .uNOS.
 BLCTR
UNGS
 QUAL
 UNITOS
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 PAGE
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 SIBMAP UN09
 PAGE 25
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 UNO9
7094 RELHOD ASSEMBLY.
 UN090000
 28 JAN 66
 SIBLOR UNO9
 UN090001
 UNITO9, A(9), READY, INCUT, BLK/ 256, BIN
 SFILE UN09
 PAGE 26
 01/28/66
 FIRE DICTIONARY.
 WN090002
 SEDICT UN09
 BINARY CARD 18. UN090003
206002000400 UNITO9 FILE *UNITO9
000000000000
644531630011
606660606060
 BEN. INOUT : NOHCVN. BLK=256
 606060606060
 PAGE :
 01/28/66
 UNO9
ASSEMBLED TEXT.
 MN090004
 STERT UN09
 BINARY CARD ID. UN090005
00000 0 00000 0 04001 10010 .UN09. PZE
UN1109 FILE
 UNITO9
,A(9),REAGY,INOUT,BLK=256,BIN
 00000 01111
 PAG
 01/28/66
 HINOS
 CONTROL DICTIONARY
 UN090006
 SCOLCT UN09
 BINARY CARD ID. UN090007
000001000000
000004000005
644500116060
 START=0.LENGTH=1.TYPE=7094.CPPLX=5
 PREFACE
 DECK
 LOC=0.LENGTH=1
 UNO9
 000001000000
336445001133
000000000000
 LOC=0, LENGTH=0
 .UNO9. REAL
 UN090008
 SOKEND UN09
 NO MESSAGES FOR THIS ASSEMBLY
 UNO9
SYMBOL REFERENCE DATA
 01/28/66
 PAGE 2
 REFERENCES TO DEFINED SYMBOLS.
 CLASS SYMBOL VALUE REFERENCES
 .UNO9.
BLCTR
 00000
 QUAL
LCTR
FILE
 UNQS
 UNITO9
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PAGE 31 01/28/66 UNIO 7094 RELMOD ASSEMBLY. UNICOCOO 28 JAN 66 SIBLDR UNIO UN1 00001 \*UNIT10\*.A(7).FOUNT, INPUT.BLK =14.BCD SFILE UNIO PAGE 32 01/28/66 UNIO FIRE DICTIONARY. UN100002 SEDICT UNIO BINARY CARD ID. UN100003 200002000016 00000000000 644531630100 606060606060 BCD. INPUTINOHOVN. BLK-14 606060606060 PAGE 33 01/28/66 UNIO ASSEMBLED TEXT. UN100004 STEXT UNLO .UN10. ENTRY BINARY CARD ID. UN100005 00000 4 00000 0 04001 10010 JUNIO. MZE UNIT10 FILE END UNITIC .A(7).MOUNE.INPUT.BLK=14.BCD PAGE 34 01/20/66 UNIO COMTROL DICTIONARY UN100006 SCOLCT UNIO SIMARY CARD ID. UNLOGOO7 000001000000 START=0,LENGTH=1,TYPE=7094,CPPLX=5 PREFACE 00000400005 644501004060 000001000000 UNIO DECK LCC=0, LENGTH=1 LOC=0, LENGTH=0 .UNIO. REAL 336445010033 000000000000 \$DKEND UNLO UN1C0008 NO MESSAGES FOR THIS ASSEMBLY PAGE 35 01/28/66 UNIO SYMBOL REFERENCE DATA REFERENCES TO DEFINED SYMBOLS. CLASS SYMBOL VALUE REFERENCES BLCTR UNGS 00000 QUAL UNITLO l 0 PAGE 36 01/28/66 SIBHAP UNII PAGE 37 01/28/66 UNII 7094 RELMOC ASSEMBLY.

SFILE UNLL

SIBLOR UNII

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UN11 FILE DICTIONARY.

01/28/66

SEDICT UNLL

UN110002

UN110000

UN110001

Comment of the second

28 JAN 66

\*UNITIL\*,A(7), #GUNT, INPUT, BLK=256,BIN

BIN, INPUT, NOHC VN, BLK=256

BINARY CARC ID. UN110003 204002000400 000010000000 644531630101 606040606040 606020606060

BINARY CARD ID. UNILIO05 00000 0 00000 0 04001 10010 .UNII. PZE UNITIL FILE UNITIS .A(7).MCUNT.INPUT.BLK\*256.BIN 01/28/66 PAGE 40 UN11 COMTROL DICTIONARY UN110006 SCDICT UNIL BINARY C-RD ID. UNIL0007 000001000000 000004000005 644501018060 000001000000 336445010133 START -C.LENGTH-1.TYPE-7094.CHPLX-5 PREFACE UNIL DECK LOC=0,LENGTH=1 LOC=0,LENGTH=0 .UNII. REAL 000000000000 SOKEND UNII UN110008 NO MESSAGES FOR THIS ASSEMBLY 01/28/66 PAGE 41 UNIL SYMBOL REFERENCE DATA REFERENCES TO DEFINED SYMBOLS. CLASS SYMBOL VALUE REFERENCES -ELNU-RTSJB RDNU UNITEL 1 0 01/28/66 SIBMAP UN12 UNI2 7094 RELHOD ASSEMBLY. 01/28/66 SIBLOR UN12 28 JAN 66 UN120000 SFILE UNIZ \*UNIT12\*,8(1), MOUNT, CUTPUT, BLK=256,8CO,81N,LIST UN120001

ENTRY .UNIL.

01/28/66

BINARY CARD ID. UN120007 000001000000 000004000005 64451026060 00001000000 336445010233 000000000000 \$DKEND UN12

HO MESSAGES FOR THIS ASSEMBLY

UN12 FILE DICTIONARY.

UNIZ ASSEMBLED TEXT.

SEDICT UN12

BINARY CARD 1D. UNIZ0003 205002000400 UNITL2 FILE \*UNITL2 000000000000 644531630102 60606060606060 60606060606060

STERT UN12

BINARY CARD 10. UN120005 00000 0 00000 0 04001 10010 .UN12. PZE UNIT12 FILE

SCOICT UNIZ

UN12 CORTROL DICTIONARY

UNII ASSEMBLED TEXT.

STERT UNII

11N 3 2000A

01/28/66

01/28/66

UNITL2 +E(1)+MOUME+OUTPUT+BLK\*256+BOC+BIN+LIST

START=C.LENGTH=1.TYPE=7094,CMPLX=5

LCC=0,LENGTH=1

LOC=O.LENGTH=O

01/28/66

PREFACE

UN12 DECK

.UN12. REAL

ENTRY .UN12.

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UN120002

UN120004

UN1 20006

BEN.OUTPUT.NOHCVN.BLK-256

UN110004

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UN12
SYMBOL REFERENCE DATA
 01/28/66
REFERENCES TO DEFINED SYMBOLS.
 CLASS SYMBOL
 VALUE
 REFERENCES
 .UN12.
 00000
 BLCTA
 F C E B
 QUAL
 UNITEZ
 1
 0
 01/28/66
 PAGE 48
SIBMAP MAIN
 PAGE 49
 01/20/66
 MAIN
7094 RELMOD ASSEMBLY.
 SIBLOR MAIN
 28 JAN 66
 #41 b0000
 PAIN
 01/28/66
 PAGE 50
 ASSEMBLED TEXT.
 STEXT PAIN
 NA INCCOL
81NARY CARD 10. MAINOOO2
00000 1 00000 0 00005
00001 0774 00 4 00000
20002 0441 00 0 00004
00003 0020 00 4 00001
 10001 MAIN
 SAVE
 143-1
 10000
10001
10000
 00004
00005
00006
 10000
10001
10011
 10001
10001
00010
 00007
 00010
00011
 CALL
 RDCC/READOP, NUMIN, NAMES, ISM, KEYS)
 000000000000

0074 00 4 07000

1 00005 0 01007

0 00110 0 00002

0 00000 0 00100

0 00000 0 00102

0 00000 0 00107

0 00000 0 00103

0441 00 0 00103
 00011
 10011
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 00012
 00014
 00015
00016
00017
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 LDI
 KEYS
BINARY CARD ID. MAINOOGS
 10000
00010
10011
 00022
 4056 00 000001
0000000000000
 LHT
 -ETGENILNOS, NUMIN)
 00023
 00025
00025
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 10011
10100
10001
 00027
00030
00031
 10601
 10000
 LMT
CALL
 1PTCON(READOP-HUMIN, NAMES)
 10011
10011
10100
 00031
 00032
 00034
 10001
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00036
00037
 10001
 10000
 METONE LNT CALL
 00040 000000000000
00040 0074 00 4 05000
00041 1 00002 0 01004
 00010
10011
10011
 NETAS LINET, STINP)
 LNK00017
BINARY CARD ID. MAINOUG4
00042 0 00110 0 00011
00043 0 00000 0 00106
00044 0 00000 0 00106
00045 0074 00 4 04000
00046 1 00006 0 01010
00047 0 00110 0 00012
00050 0 00000 0 00100
00051 0 00000 0 00100
00052 0 00000 0 00101
 10100
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10001
00010
 CALL
 NETSIPILNOS.READOP.NUMIN.NAMESAKEYS.ISM)
 10011
 10011
 10001
 MAIN
ASSEMBLED TEXT.
 01/28/66
 00053 0 00000 0 00102
00054 0 00000 0 00103
00055 0 00000 0 00107
 10001
 10001
 4054 00 000010
0020 00 0 14000
000000000000
 00056
 10000
 10011
 SYSDMP
.FWRD.(.UNG6..DONE)
 TRA
CALL
 00060
 0074 00 4 110 0
1 00002 0 01604
0 00110 0 00015
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 PAIN
CONTROL DICTIONARY
 01/28/64
 PEGE 12
 SCOICT *#15
 #£ 1 4000 7
BINARY CARD ID. WAINOUSE

CO011700000C

CO00340300C5

442131454040

00013200000

442131454040

00003000000000

254731636040

200000130000C

4575636231444

200000100000

4575636231449

200000100000

337646314337

200000100000

314763234645

200000100000

314763234645

200000100000

457563277545

200000100000
 PREFACE
 $1801 -C.LEBG11-14, 11PE - 1094,CPPL 8-5
 LOC-C, LINGTO-74
 LOC-0., EMGTH-0
 SECT. TICML
 SECT. 4,CML
 SECT. SICALL
 .FFIL. FIRTURE
 SECT. G.CALI
 RCCC VIPTUM
 SECT. F.CML
 SPICEN VINTUM
 SECT. FICALL
 .FMC. VIPTUAL
 SECT. MICHEL
 METCEM VIRTUAL
 SECT. TO.CALL
BIMARY CARC ID. MAINDOON
677067434673
200000040004
677062744447
 SYSLOC VIRTURE
 SECT. 11
 SYSCEP JISTOM
 SECT. 12
 20000000000000
334445000433
 AUTON. VERTUM
 SECTA 13
 PAINOCIE
 NO PESSAGES FOR THIS ASSEMBLY
 MAIN
SYMBOL REFERENCE DATA
 01/26/56
 FACE 53
 REFERENCES TO DEFINED SYRBOLS.
 CLASS SYMAGE
 VALUE REFERENCES
 CONV
DOME
TSW
--0001
--0002
--0003
KFYS
LNOS
NATN
NAMES
NETONE
NET
NUMIN
READOP
BLCTR
UMGS
//
 000 30
000 73
001 37
00001
00003
00005
001 03
001 04
00000
001 02
003 7
001 05
001 01
 64
17.55
10
2.5
C
20.21.54
20.50
 16.36.53
 43
15,27,35,52
14,34,51
 LCTR
 QUAL
LCTR
LCTR //
STIMP U0106 44
REFERENCES TO FIRTUAL SYMBOLS.
 FXIT
IPTCON
.FFIL.
.FMRD.
.UNGO.
NETASI
NETGEN
NETSIM
PIJCC
SYSOMP
SYSLOC
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LNK00037 LNK00038 LNK00039

LNK00040

01/28/66 PAGE 55 RDCC1 - EFN SOURCE STATEMENT - IFN(S) -SUBROUTDNE RDCC(READOP, NUMIN, NAMES, ISM, KEYS:
DATA CCNIL/OMCONTAL/
INTEGER READUP, USKEYS
DIMENSIGN USKEYS(36)
READIS, 70001CNTL, READOP, NUMIN, NAMES, ISM, (USKEYS(K), K=1, 36)
IF(CCNTR, NE, CNTL) GO TC 111
IF(RY ADOPLITATE, READOP, GT. 3) GO TO 111
IF(NUMIN, GT. 510, GR. NUMIN, LT. 1)GC TO 111
REYSON
DO 1 1-3, 36
KEYS-2-REYS
1 KEYS-KEYS-USKEYS(I)
WRITE(6, 70G1)READOP, NUMIN, NAMES, XEYS, ISM
2 RETURN
111 RR77E(6, 70G2)
STGP
700C F(RMAT(A6, 12, 13, 14, 11, 20X, 36) 1)
7001 FORMAT(13HICCNTROL CARD/SX, THREADOP+, [2/52-6HNUMIN+, 13/5X, 6HNAMES+
1, 14/5X, 5HKEYS+, U12/5X, 4HISM+, 11)
7002 FORMAT(26HIRECC CONTROL CARD - STOP+)
END ı 29 31 **END** 01/28/66 PAGE 56 RDCC1 STORAGE HAP SUBROUTINE ROCC DIMENSIONEC PROGRAM VARIABLES LOCATION TYPE SYMBOL LOCATION SYPBOL LOCATION TYPS USKEYS 10000 UNDIMENSIONED PROGRAM VARIABLES SYMBOL CHTL LOCATION TYPE SYMBOL LCCATION SYMBOL LOCATION TYPE 00045 CONTL 00046 ENTRY POINTS SECTION ROCC SUBROUTINES CALLED .FRDD. .FWRC. .FRTN. .FFIL. SECTION SECTION SECTION SECTION .EXIT. SECTION .UN05. SECTION SECTION SECTION SECTION SYSLOC IFN CORRESPONDENCE IFN FORMAT FORMAT EFN LUCATION 1FN LOCATION IFN 25A FORMAT LOCATION 30174 00106 EFN 7000 7001 00551 10000 00066 THE FIRST LOGATION NOT USED BY THIS PROGRAM IS 00301. 01/28/66 PAGE 57 SIBMAP BYOF LIST,REF LNK00030 01/28/66 PAGE 58 7094 RELMUD ASSEMBLY. \$18LDR RTCF 28 JAN 66 8T0F0000 01/28/66 PAGE 59 ASSEMBLED TEXT. STEXT BITT 810F0001 ENTRY LNKC0031 BIDE 81NARY CARD 1D. HTLF0002
00000 1 00000 0 00006
00001 0774 00 1 00000
00002 0774 00 4 00000
00003 0441 00 3 00005
00004 0220 00 4 00303
00005 0 00000 0 00005
00007 0634 00 0 00005
00012 0634 00 4 00002
00012 0634 00 4 00002
00012 0634 00 1 00001 BTOF SAVE LNK00032 10001 (1,4)1 10000 10000 10000 10011 10001 10001 00013 C600 00 0 00046 00014 C500 60 4 00003 00015 0771 00 0 00033 TEMP2 10001 LNK00033 7EMP2 3,4 27 TEMP1 TEMP1 8,1 =0200 10000 CLA+ ARS STO LNK00034 LNK00035 LNK00036

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00016 00017 00020

0601 00 0 00045 0441 00 0 00045 0774 00 1 00010 0500 00 0 00054

10010 0 00 1540

10011

LDI AXT CLA STA

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BINARY CARD ID. STOFOOO3
 CARD 18. BT0F0003
00023 0054 00 000000
00024 0020 00 0 00030
00025 0771 00 0 00001
00026 2 00001 1 00022
00027 0774 00 1 00000
00030 0634 00 1 00040
00031 0634 00 1 00040
 LMK00041
LMK00042
LMK00043
 000000
 10000 81
 10000
 TRA
 B, 1, 1
0, 1
TEMP2, 1
 10001
10000
10001
 TIX
AXT
SXA
SXA
 LNK00044
LNK00045
LNK00046
 83
 10001
 SHIFT. 1
 LNK00047
 0500 60
0400 00
040° 00
076. 00
0601 00
 4 00004
0 00046
0 00055
 00032
 10000
 CLA.
 LNK00049
 LNK00050
LNK00051
LNK00052
 ADD
 00034
 10001
 -0170
 AUD
ALS
STO
CLA+
ARS
DRA
FAD
STO+
 00033
00045
00003
 10000
10001
10000
 27
TEMP1
 00035
 00035
 LNK00053
LNK00054
LNK00055
 3,4
 0771 00 0 00000
4501 00 0 00045
0300 00 0 00056
0601 60 4 00005
 10000
10001
10001
 00040
 SHIFT
 00041
00042
00043
 TEMP 1
 +C
 LNK00056
 LNK00058
LNK00058
LNK00059
 10000
 00045 200000000001
 RETURN
MSS
 10000
 TEMP1
814ARY CARD 19. 8T0F0004

00046 20000000002

00050 20000000001

00051 20000000000

00052 00000000000

00053 226346266060
 00001
 TEMP2
TEMP3
 BSS
BSS
BSS
 LNK00060
 1 NK00061
 00001
10000
10000
 IND
 00051
00052
00053
00054
00055
 +LDIR
 000000000200
000000000170
0000000000000
 10000
13000
10000
01111
 •LORG
 00056
 END
 00000
 LHK00062
 01/28/66
 PAGE 60
 CONTROL DICTIONARY
 SCOICT STOP
 BT0F0005
BINARY CARD 10. 8T0F0006
000057000000
 FREFACE
 START=0,LENGTH=47,TYPE=7094,CMPLX=5
 000004000005
226346266060
000057000000
 BTOF
 DECK
 LOC=0.LENGTH>47
 226346266060
000000000000
226346266060
0000000000000
 BTOF
 REAL
 LOC=0,LENGTH=0
 BTOF
 REAL
 LOC=0, LENGTH=0
 627062434623
2000000000000
 SYSLOC VIRTUAL
 SECT. 4
 SOKEND BYOF
 810F0007
NO MESSAGES FOR THIS ASSEMBLY
 01/_8/66
 PAGE 61
 SYMBOL REFERENCE DATA
REFERENCES TO DEFINED SYMBOLS.
 CLASS SYMBOL
 VALUE
 REFERENCES
 81
 00023
 00023
00022
00000
 26
44
 B
BTOF
 00051
00002
00004
 IND
 ..0003
 11.12
 3,6
0
 00006
 BLCTR
UNQS
 LCTR
 QUAL
 //
SHIFT
 00040
00045
00046
 31
16,17,36,41
13,30,33
 TEMP1
TEMPS 00050
REFERENCES TO (IRTUAL SYMBOLS.
 SYSLOC
 4 7
 01/28/66
 PAGE 62
SIBLOR BPOINT
SIBMAP NETGEN LIST, REF
 82010000
```

NETGENGO

PAGE 63

01/28/66

7094 RELMOD ASSEMBLY.

SI BI DR NETGEN

28 JAN 66

TATE COLUMN

NETGENO1

PAGE 64

2AGF 65

LNK 10052

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STEXT NETGEN ENTRY MACRO

NETGEN 01,02,03,04,05,06,07,08 LNK10001 LNK10002 LNK10003 LNK10005 LNK10006 LNK10006 LNK100008 LNK10009 LNK10011 LNK10011 LNK10011 LNK10011 LNK10014 LNK10014 LNK10015 QMGD D1 UNE D2 ++23 ++1 D1 D5 EL A CAS TRA TRA STO CLA ONE G5 D8 ACD STO CAS TRA TRA TRA CLA STO ADD STO ++3 ++20 ++17 ONE LNK10016 LNK10017 LNK10018 LNK10G19 05 04 04 07 LNK10019 LNK10020 LNK10021 LNK10022 LNK10023 LNK10024 LNK10025 LNK10026 CAS TRA TRA TRA CLA STO ADD STO TRA CLA STO ++3 ++12 ++11 ONE 04 03 03 ++6 ONE 01 03 04 LNK10027 LNK10028 LNK10030 LNK10031 LNK10032 LNK10033 STO STO STO NOP LNK10034 LNK10035 LNK10036 QPOD INPUT NETGEN SAVE 11.2.411 LNK10037

BINARY CARD ID. NETGENO2 00000 1 00000 0 0 00001 0774 00 2 0 00002 0774 00 1 0 00003 0774 00 1 0 00004 0441 00 0 0 00005 0020 00 4 0 10001 00000 00000 00000 00000 10000 10000 10000 0020 00 0 00000 0604 00 0634 00 0634 00 0634 00 0634 00 0634 00 4 00001 0 00000 0 00066 4 15000 4 10257 4 00003 1 00002 2 00001 4 00101 00005 00006 00007 00010 00011 00012 10000 10001 10011 10001 10001 16001 10001 00014

AXZ 10P1,4 LNK10038 LNK10039 AXT 2000:1

01/28/66

ASSEMBLED TEXT.

00016 0774 00 1 03720

0001/ 0600 00 1 05303 00020 2 00001 1 41001 STZ 10011

TOP

10001

10000

10001

10001 10001

LNK 10040 LNK10041 LNK10047 LNK10048 .... CALL ROUTINE TO READ IN NETWORK PARAMETERS LNK10049 RSFLI(LEVNO,DT,EPSLN,MSTEP+GSAT,COMG,X,Y,Z;RNO,PCH, DCH,IN1,1N2,1N3,1N4,1N5,1N6,1N7,1N8,1N9,1N10,1N11, IN12,1N13,1N141+1\* LNK10050 LNK10051

000000000000 0074 0C 4 06000 00021 10011

CALL ETC ETC

20041

00042

```
BINARY CAP(: ID. NEIGENO4
00045 C 00000 0 01476
00046 0 00000 0 01514
00047 0 00000 0 01514
00057 0 00000 0 01552
00057 0 00000 0 01557
00057 0 00000 0 01657
00058 0 00000 0 01661
00054 C 00000 0 01647
00055 0 00000 0 01646
00056 0600 00 0 01666
00056 0600 00 0 01666
00057 0774 00 1 00017
00060 0500 00 1 01457
00061 U400 00 1 01457
00061 U400 00 1 01515
00063 0400 00 1 01515
00063 0400 00 1 01515
00065 0601 00 0 0167
00066 0566 00 1 01407
 STZ
AXT
NTSZCL CLA
ADD
APD
JCD
ACD
STU
LDQ
MPY
 NTSIZE
 15,1
154-15,1
155-15,1
156-15,1
167-15,1
417
77517E+1
 INITIALIZE NO. CF LEVEL
 AND CONTROL WORDS HER COMP.,
NUMBER OF WORDS PER COM.
 IN1+13, [
IN2+15,]
 BINARY CARD 10. NE1GENOS
00070 0200 00 1 01440
00071 0200 00 0 00167
00072 0131 00 0 00000
 143+15,1
475(2F+1
 MPY BY NUMBER OF JORDS PER COMP. PER LEVEL
 ASSEMBLED TEXT .
 00073 0407 00 0 00166
00074 0601 00 0 00166
00075 2 00001 1 00060
00076 0402 00 0 00170
00100 0120 00 0 00107
00100 0120 00 0 00107
00101 0774 00 4 0000
1 00001 7 00001
00102 0500 00 0 04240
00103 0601 60 4 00003
00104 0560 00 0 01706
00105 0200 00 0 01707
00106 0200 00 0 01707
00106 0200 00 0 01707
00110 4000 00 0 01705
00110 4000 00 0 01705
00110 4000 00 0 01705
 NTSIZE
NTSIZE
NTSZCL.I.1
NETMAX
++2
OVSIZE
+-+,4
 CALCULATE NUMBER OF WORDS PER LEVEL.
 ADD
STO
TIX
SUB
TZE
TPL
AXT
 TEST NETWORK SIZE (17517-- 12/16/64
ZERD (.K.--BUT SIGN PLUS
NETWORK GREATER THAN PERMITTED.
 TOP1
 LFV40
3,4
 CLA
STO*
LDQ
MPY
MPY
STQ
STQ
CLA*
 LNK10053
LNK10054
LNK10055
LNK10056
 NUMBER OF COMPONENTS ON ZERO-TH LEVEL.
 NO. OF SENSORY INPUTS
10001
10001
00010
10011
10011
10100
10001
10001
10001
 OK NETWORK SIZE = NO. SENSORY INPUTS
.FMRD.(.UNGG.,UNEQ)
 CLA
TSX
CLA+
TSX
CALL
 #
.FCNV.,4
4,4
.FCNV.,4
.FFIL.
 10000
10011
00010
10011
10100
00010
10011
 CALL
 EXII
81NARY CARD ID. NEIGENOT 00132 010257 0 00127 00133 740630004554 00134 545454730103 00135 304525636646 00136 514260623171 00137 251373316473 00140 666773010730 00141 606062254562 00142 465173603145 00143 476463621373 00144 310436406060 00145 000000000000 00145 0074 00 4 12000 00146 1 00002 0 01004 00147 0 10257 6 00130 00150 0 00000 0 16000 00151 0 000000 0 16000 00151 0 000000 0 01600
 10100
 10000
10000
10000
10000
10000
10000
10000
10000
10001
10011
1011
1011
1011
 UNEQ BCT
 1,14)
.FWRD.(.UN06.+512E)
 DAZISE CUTF
 NETWORK TO BIG.
 01/28/66
 PAGE 67
 ASSEMBLED TEXT.
 00152 00000000000 00010
00152 0074 00 4 10000 10011
 CALL
 00152 0074 00 4 1000C

BINARY CARO ID. METI FIGUR
00153 1 0000 0 0 01002
00154 0 102 7 0 00131
00155 000000000000
00155 1 00000 0 01002
00156 1 00000 0 01002
00157 0 10257 0 00137
00160 740300 400145
00161 256366465142
00162 606231712560
00163 756773252574
00104 6260457256344
00165 7167336030460
00166 2000000000000
00170 000000042155
00171 0774 00 4 00017
00172 0400 00 4 01402
00173 0200 00 4 01402
00175 4600 00 4 01440
 10100
00010
10011
10010
10000
10000
10000
10000
10000
10000
10000
10001
10001
10001
10001
 CALL
 SIZE BCI
 6.130HINETWORK SIZE EXCEEDS NETPAX. 3
 NTSIZE RSS
NETMAX DEC
OK AXT
DIMEN LOQ
MPY
MPY
STQ
 7
17517
15,4
1N1+15,4
1N2+15,4
1N3+15,4
MA+16,6
 LNK10059
INK10060
LNK10062
LNK10062
```

-4-44 MA

81MARY CARD IB. NETGENO9 00176 2 00001 4 00172 10001 TIX 04240 LEVTOT EQU

DIMEN.4.1 LEVNO

LNK10063 LNK10064

| ASSEMBLED TEXT.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | C1/28/66                                                                                                                                    | PAGE 60                                                                                                                                                   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| 00200 0500 00 0 04225 10<br>00201 0400 00 0 10241 10<br>00202 0601 00 0 04225 10<br>00203 0340 00 0 04226 10<br>00204 0020 00 0 01003 10<br>00205 0020 00 0 01002 10                                                                                                                                                                                                                                                                                                                                                                  | •!NII  0 0001 RDNIT TSX 0001 CLA 0001 ADD 0001 STC 0001 CAS 0011 TRA 0001 TRA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | TALETE RANDOM MO. GENERATOR  RDM, 6 CTA1 ONE CTR1 RNO ++3 ++2 RDMIT                                                                         | LNK1J066<br>LNK10067<br>LNK10068<br>LNK10069<br>LNK10070<br>LNK10071<br>LNK10072<br>LNK10073<br>LNK10074<br>ENK10075                                      |
| ASSEMBLED TEXT.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 01/28/66                                                                                                                                    | PAGE 69                                                                                                                                                   |
| 00210 0074 00 4 01155 10<br>00211 0074 00 4 00553 10<br>00212 0520 00 0 01746 10<br>00213 0020 00 0 00225 10<br>00214 0520 00 0 01745 10<br>00215 0020 00 0 00221 10<br>00216 0500 00 0 10241 10<br>00217 0601 00 0 01745 10                                                                                                                                                                                                                                                                                                          | 0001 LYLUP TSX<br>0001 PODLUP TSX<br>0001 TSX<br>0001 TRA<br>0001 TRA<br>0001 TRA<br>0001 TRA<br>0001 TRA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | NEXLEV.4 START A NE NEARIDD.4 START A NE CCNLP.4 MAKE CONNE PRST TEST MODES EXIM PRIMEX ONE EXIN MCDLOP                                     | # MCDE                                                                                                                                                    |
| 00222 0500 00 0 10241 1 00223 0601 00 0 10746 1 00224 0020 00 0 00210 1 00225 0520 00 0 01745 1 00226 0020 00 00 00210 1 00226 0020 00 0 00232 1 00227 0500 00 0 10241 00230 0601 00 0 01745 1 00231 0020 00 000210 1 00232 0600 00 0 01745 1 00233 0600 00 0 01745 1 00233 0600 00 0 01745 1 00234 0500 00 0 01745 1 00234 0500 00 0 01745 1 00234 0500 00 0 01705 1 00235 0402 00 0 01711 00236 4100 00 0 00 20210 1 00237 0500 00 0 004240 1 00240 0402 00 0 03067 1 00241 4100 04 0 00207 1 00242 0000000000000000000000000000000 | 10001   PPINEX STZ   10001   CLA   CLA | EXIN ONE PRST MCDLOP EXIN CMPEN' ONE EXIN MODLOP EXIN MODLOP EXIN MODLOP EXIN N HCDLOP LEVTOT LEVN LVLOP PUTREC(NUNCOM, COMNUM, LEVELN) * 3 | LMX10087 INK10088 INK10089 INK10099 INK10090 INK10092 INK10094 INK10095 INK10096 INK10096 INK10097 INK10098 INK10099 INK101001 INK10100 INK10100 INK10100 |
| 00244 0 10257 0 00002 1<br>09245 0 00000 0 04277 1<br>00246 0 00000 0 04287 1<br>00247 0 06000 0 04360 1<br>00250 0500 00 0 10262 1                                                                                                                                                                                                                                                                                                                                                                                                   | 10011<br>10100<br>10001<br>10001<br>10001<br>10001 CLA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | =3 LASY PASS                                                                                                                                | F2X10109                                                                                                                                                  |
| 00252 0074 00 4 14000 00253 1 00016 0 01020 00254 0 10257 0 00217 00255 0 00000 0 33070 00256 0 00000 0 01721 00257 0 00200 0 00000 0 01711 00261 0 00000 0 04241 00262 0 00000 0 04265 00263 0 00000 0 10255                                                                                                                                                                                                                                                                                                                         | CALL 00010                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | GENXY(PRLEY,IN.LEVN,N.MA,COMN<br>IN3,LEVNO)                                                                                                 | ENKIO108                                                                                                                                                  |
| BINARY CARD ID. NETGEN12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 01/28/66                                                                                                                                    | PAGE 70                                                                                                                                                   |
| 00266 0 00000 0 01710 00267 0 00000 0 01363 00270 0 00000 0 01462 00271 0 00000 0 01421 00272 0 00000 0 04240 00273 000000000000 00274 1 00007 0 01004 00275 0 1025/ 0 00221                                                                                                                                                                                                                                                                                                                                                          | 10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>00010 CALL<br>10011<br>10011                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | ,FWRD.(.IMU8FMT) 999 SIGHA                                                                                                                  | LS END OF CONNECTION RECORDSLAKIO109                                                                                                                      |
| 00277 0 00000 0 00317<br>00300 00000000000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 10011<br>10001<br>00010 CALL<br>10011                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | .FFIL.                                                                                                                                      | LNK10110                                                                                                                                                  |
| 00301 1 00000 0 01002<br>00302 0 10237 0 00222<br>00303 00000000000<br>00303 0074 00 4 11000                                                                                                                                                                                                                                                                                                                                                                                                                                          | 10011<br>10100<br>(0010 CALL<br>10011<br>10011                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | .FRWT.(.UNO8./                                                                                                                              | LNK10111                                                                                                                                                  |

| BIMARY | CARD ID. NETGENIS                                                                                                                                |                                           |            |                   |                                        |                         |                                  |
|--------|--------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|------------|-------------------|----------------------------------------|-------------------------|----------------------------------|
|        | 00305 C 10257 0 00223<br>00306 0 00000 0 20000<br>00307 0000000000000<br>00307 0074 00 4 05000<br>00310 1 00001 0 01003<br>00311 C 10257 0 00224 | 10100<br>10011<br>00010<br>10011<br>10011 |            | CALL              | .FPRN.(FM1)                            |                         | LNK10112                         |
|        | 00312 0 00000 0 00321<br>00313 00000000000<br>00313 0074 60 4 10003<br>06314 1 00003 0 01002<br>00315 0 10257 0 00225                            | 10001<br>00010<br>10011<br>10011<br>10100 | •          | CALL              | .ffit.                                 |                         | LNK10113                         |
|        | 00316                                                                                                                                            |                                           | •          | KETURN            | NETGEN                                 |                         | LNK10115<br>LNK10116             |
|        | 00317 740430501111<br>00320 117310006734<br>00321 740202390154                                                                                   | 10000<br>10000                            | FM1        | BC1               | 2.(4H 999.8CX) 5.(22H)NETHORK          | CEMSONYED I             | LMK10117<br>LNK10118             |
|        | 00122 5454425a366<br>00323 465142602725<br>00324 452551216325<br>00325 243360346060                                                              | 10000<br>16000<br>10000<br>10000          |            |                   | 7,111,111                              |                         |                                  |
|        | ASSEMBLED TEXT.                                                                                                                                  |                                           |            |                   |                                        | 01/20/66                | PAGE 71                          |
|        |                                                                                                                                                  |                                           | :          | NEXLEV            | SET UP PARAPETERS<br>NEXT LEVEL CONNEC |                         | FMK10151<br>FMK10150             |
| BINARY | CARD IB. NEIGENIA<br>00326 0634 00 4 00420                                                                                                       | 10001                                     | MEXLEV     |                   | XNALEY.4                               |                         | FM#10155                         |
|        | 00327 0500 00 0 03067<br>00339 0400 00 0 10241                                                                                                   | 10001                                     |            | ADD               | ONE<br>ONE                             |                         | LNK10123<br>LNK10124             |
|        | 00331 0601 00 0 03067<br>00332 0774 00 1 00004                                                                                                   | 10001                                     |            | STO               | 4.1                                    | 40.000 15.00. 1000      | FWK10159                         |
|        | 00333 0500 00 1 01711<br>00334 0601 00 1 01721                                                                                                   | 10001                                     |            | CLA<br>STO        | M+4, [<br>[M+4,1                       | ADJUST LEVEL INFO       | LNK10127<br>LNK10128             |
|        | 00335 2 00001 1 41002<br>00336 0500 00 0 01715                                                                                                   | 10001                                     |            | CLA               | •-2,1,1<br>!#                          |                         | LMX10130                         |
|        | 00337 0601 00 0 01721<br>00340 0535 00 1 03067                                                                                                   | 10001                                     |            | STO<br>LAC        | LEAN'T                                 |                         | LMK10131<br>LMK10132             |
|        | 00341 1 00001 1 01001<br>00342 0500 00 1 01363                                                                                                   | 10001                                     |            | CLA               | •+1,1,1<br>[N1,1                       | UNSTACK LEVEL INFO      | LNK10133<br>LNK10134             |
|        | 00344 0500 00 1 01402<br>00344 0500 00 1 01402<br>00345 0601 00 0 01707                                                                          | 10001                                     |            | STO<br>CLA        | X<br>IN2,1                             |                         | LNK10135<br>LNK10136<br>LNK10137 |
|        | 00346 0500 00 1 01421<br>00347 C601 00 0 01710                                                                                                   | 10001<br>10001<br>10001                   |            | SFO<br>CLA<br>STO | Y<br>[N3,1                             |                         | 15/10130<br>LNK10139             |
|        | 00350 0131 00 0 00000                                                                                                                            | 10000                                     |            | XCA               | ı                                      | CALCULATE NO. OF COMPS  | LMK10145                         |
| BINARY | CARD ID. METGEN15<br>00351 0200 00 0 01707                                                                                                       | 10001                                     |            | MPY               | Y                                      |                         | LNR1014)                         |
|        | 00352 0200 00 0 01706<br>00353 0131 00 0 00000                                                                                                   | 10001                                     |            | MPY               | ×                                      |                         | LNK10142<br>LNK10143             |
|        | 00354 0601 00 0 01705<br>00355 0601 00 0 01711                                                                                                   | 10001                                     |            | STO<br>STO        | H<br>H                                 |                         | LNK10144<br>LNK10145             |
|        | 00356 0500 00 1 01440<br>00357 0601 00 0 03047                                                                                                   | 10001                                     |            | CLA<br>STO        | 1N4,1<br>SX                            |                         | LNK10146<br>LNK10147             |
|        | 003e0 0500 00 1 01457<br>00361 0601 00 0 03050                                                                                                   | 10001                                     |            | CLA<br>STO        | IN5.1<br>SI                            |                         | LNK10148<br>LNK10149             |
|        | 00362 0500 00 1 01476<br>00363 0601 00 0 03051                                                                                                   | 10001                                     |            | STO               | IN6, L<br>PX                           |                         | LNK10150<br>LNK10151             |
|        | 00364 0500 00 1 01515<br>00365 0601 00 0 03052                                                                                                   | 10001                                     |            | CLA<br>STO        | 1N7+1<br>PI                            |                         | LNK10152<br>LNK10153             |
|        | 00366 0500 00 1 01534<br>00367 0601 00 0 03033                                                                                                   | 10001                                     |            | CLA<br>STO        | INB, 1<br>GSX                          |                         | LNK10154<br>LNK10155             |
|        | 00370 0500 00 1 01553<br>00371 0601 00 0 03054                                                                                                   | 10001                                     |            | CLA<br>STO        | IN9.1<br>GSI                           |                         | LNK10156<br>LNK10157             |
|        | 00372 0500 00 1 01577<br>00373 0601 00 0 03055                                                                                                   | 10001                                     |            | STO               | IN10+1<br>GPX                          |                         | LNK10158<br>LNK10159             |
| BINARY | CARD ID. NETGENIG<br>00374 0500 00 1 01611                                                                                                       | 10001                                     |            | CLA               | [N11,1                                 |                         | LNK10160                         |
|        | 00375 0601 00 0 03056<br>00376 0500 00 1 01630<br>00377 0601 00 0 03057                                                                          | 10001<br>10001<br>10001                   |            | STO<br>CLA        | GP1<br>[N12,1                          |                         | FWK10195                         |
|        | 00400 0500 00 1 01647<br>00401 0601 00 0 03060                                                                                                   | 10001                                     |            | STO<br>CLA        | SCTYP<br>IN13,1                        |                         | LNK10163<br>LNK10164             |
|        | 00402 C500 00 1 01666<br>00403 0601 00 0 03061                                                                                                   | 10001                                     |            | STO<br>GLA<br>STO | PCTYP<br>IN14+l<br>SLFCGN              |                         | LNK10165<br>LNK10166             |
|        | 00403 0001 00 0 03001                                                                                                                            | 10001                                     | •          | 310               | SEFECIA                                |                         | LNK10167<br>LNK10168             |
|        | ASSEMBLED TEXT.                                                                                                                                  |                                           |            |                   |                                        | 01/28/66                | PAGE 72                          |
|        | 00404 0774 00 1 00005<br>00405 0500 00 1 01712                                                                                                   | 10000                                     |            | AXT<br>CLA        | 3,1<br>M+5,1                           |                         | LN710169<br>LNR10170             |
|        | 00406 0601 00 1 01732<br>00407 2 00001 1 41002                                                                                                   | 10001                                     |            | STO<br>TIX        | SH+5,1<br>2,1,1                        | INITIATE SAVE LOCATIONS | LNK10171<br>LNK10171<br>LNK10172 |
|        | 00410 0774 00 1 00003<br>00411 0500 00 1 01711                                                                                                   | 10000                                     | FLEV       | AXT<br>CLA        | 3,1<br>X+7,1                           | FLAOT DIMENSIONALITY    | LNK10173<br>LNK10174             |
|        | 00412 0074 00 4 00717<br>00413 0601 00 1 01755                                                                                                   | 10001                                     |            | TSX<br>STO        | FLTNT+4<br>FX+3+1                      |                         | LNK10175<br>LNK10176             |
|        | 00414 0500 00 1 01721<br>00415 0074 00 4 00717                                                                                                   | 10001                                     |            | CLA<br>TSX        | IX+3,1<br>FLTNT,4                      |                         | LNK10177<br>LNK10178             |
|        | 00416 0601 00 1 01760                                                                                                                            | 10001                                     |            | STO               | FLX+3-1                                |                         | LNK10179                         |
| DENARY | CARD ID. NETGEN17<br>00417 2 00001 1 00411                                                                                                       | 10001                                     | WALLET FOR | TEX               | FLEV, 1, L                             |                         | LNK10180                         |
|        | 00420 0774 00 4 00000<br>1 00001 7 00001                                                                                                         | 11010                                     | XNXLFV     |                   | 1.4                                    |                         | LNK10181                         |
|        | 00421 0020 00 4 00001                                                                                                                            | 10000                                     | •          | TRA               | 1.4                                    |                         | LNK10182<br>LNK10183             |
|        |                                                                                                                                                  |                                           | •          |                   |                                        |                         | LHK10184                         |

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00471 0757 00 0 0000
00474 0400 00 0 00505
00475 0400 00 0 00505
00477 0500 00 0 00504
00477 0500 00 0 00504
00500 0771 00 0 00504
00501 0400 00 0 00504
00501 00701 0 0 00001
00501 0020 00 4 00001
00504 0020 00 4 00001
00505 11715164025
00506 200000000000 RCM1 10001 ALS 10016 ADD STO CLA ARS RCML 10001 PCM2 RDM1 RDM1 10001 LNK LC232 LNK 10233 LNK 10234 LNK 10235 LNK 10236 10001 RCM3 10001 ADD 10011 11010 10000 10000 LNK10237 KROM TRA
ROM1 DCT
RDP2 DC1
RDP3 OCT LNK 10230 LNK 10239 LNK 10240 1.4 2C0G0C0G0G0G 311715164C25 2C0GGCGCGGG 10000 LNK10241 10000 00506 20000000000

BIMARY CARD ID. NEIGEN20
00507 000000000000

00507 0074 00 4 05000
00510 1 00001 0 01003
00511 0 10757 0 00440
00512 0 00000 0 00517
00513 00000000000
00514 1 00000 0 01002
00514 1 00000 0 01002
00514 0 10757 0 00441
00516 0000 0 0 01000
00517 746003103001
00520 243162512145
00571 232500266445
00572 236331464560
00520 34556253334 .FPRN. (DISERR! LNK10242 ERDOH CALL 10011 10100 10001 00010 10011 10011 CALL .FFIL. LNK10243 10100 10011 10000 10000 LNK10244 9. ( 48HIDISTANCE FUNCTION NOT IN CORE. CANNOT CONTINUE.) LNK10245 DISERR BCI 10000 10000 10000 10000 10000 BINARY CART ID. NETGEN21
00510 0000 00 C 01000
00511 00000000000
00512 1 00001 0 C 01001
00513 0 10257 0 00445
00514 0 00000 0 00541
00515 0074 00 4 10000
00515 1 00700 0 0 1000
00516 1 00700 0 01000
00517 0 10257 0 00445 10011 AFTER HTR ERRCR HALT LNK10246 .FPRN. (ERPRCS) LNK10247 10011 10011 10100 10001 00010 10011 CALL .FFIL. LNK10248 00536 10011 00000 0 01000 0 10257 0 00445 0000 00 0 01000 746005013001 475146222122 314331637060 10100 00541 00542 10011 HTR 9. C STHIPPORAPILITY FUNCTION NOT IN CORE. CANNOT CONTINUELNK10250 FRPROB BCT 10000 00543 00544 266445236331 00545 464560454563 10000

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|        | 00717<br>00720<br>00721<br>00722<br>00723<br>90724<br>00725<br>90726 | 0634 00 2 00731<br>0560 00 0 10241<br>0774 00 2 0000<br>0100 00 0 00731<br>4765 00 0 00001<br>1 00001 2 01001<br>4100 00 0 41002<br>0754 00 2 00000 | 1060 i<br>1000 i<br>1000 i<br>1000 i<br>1000 i<br>1001 i<br>1000 o | FLTNI   | LDQ<br>AXT<br>TZE<br>LGR<br>TX!<br>TNZ | FIXED POINT INT<br>NORMALIZED FLOA<br>FLOAT+3,2<br>ONE<br>0,2<br>FLOAT+3<br>1<br>++1,2,1<br>2<br>0,2 |                                         | LMK10291<br>LMK10292<br>LMK10293<br>LMK10295<br>LMK10295<br>LMK10297<br>LMK10297<br>LMK10297<br>LMK10299<br>LMK10299 |
|--------|----------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|---------|----------------------------------------|------------------------------------------------------------------------------------------------------|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| BINARY | 00727                                                                | D. NEIGEN28<br>0400 00 0 00733<br>4763 00 C 00033<br>0774 00 2 00000<br>1 00001 7 00001                                                             | 10001<br>10000<br>10011<br>11010                                   |         | ADD<br>LGL<br>AXT                      | CHTSTC<br>27<br>•-•, 2                                                                               |                                         | FMK10301<br>FMK10305                                                                                                 |
|        | 00732<br>00733                                                       | 0020 00 4 00001                                                                                                                                     | 10000                                                              | CHTSTC  | TRA<br>DEC                             | 1.4<br>128                                                                                           |                                         | LNK10304<br>LNK10305<br>LNK10306                                                                                     |
|        | AS                                                                   | SEMBLED TEXT.                                                                                                                                       |                                                                    |         |                                        |                                                                                                      | 01/20/66                                | PAGE 78                                                                                                              |
|        |                                                                      |                                                                                                                                                     |                                                                    |         |                                        |                                                                                                      |                                         |                                                                                                                      |
|        | 00734                                                                | 0634 00 4 00745<br>0500 00 0 03065                                                                                                                  | 10001                                                              | DSTACE  | SXA<br>CLA                             | ENDIS,4<br>DCH                                                                                       |                                         | LNK10308<br>LNK10304                                                                                                 |
|        | 00736                                                                | 0340 00 0 10240                                                                                                                                     | 10001                                                              |         | CAS                                    | ZERO                                                                                                 |                                         | L4K10310                                                                                                             |
|        | 00737                                                                | 0020 00 0 01003                                                                                                                                     | 10001                                                              |         | TRA                                    | ++3<br>ERDCH                                                                                         |                                         | LNK 10311<br>LNK 10312                                                                                               |
|        | 00741                                                                | 0020 00 0 00507                                                                                                                                     | 10001                                                              |         | TRA                                    | ERDCH                                                                                                |                                         | LNK10313                                                                                                             |
|        | 00742                                                                | 0402 00 0 10241                                                                                                                                     | 10001                                                              |         | SUB<br>TZE                             | DWE<br>DIS1                                                                                          |                                         | LNK10314<br>LNK10315                                                                                                 |
|        | 00143                                                                | 0100 00 0 00111                                                                                                                                     |                                                                    |         | E TRANS                                | FER TO OTHER DIS                                                                                     | TANCE FUNCTIONS HERE AS FOLLOWS         | £NK10316                                                                                                             |
|        |                                                                      |                                                                                                                                                     |                                                                    | :       | SUB<br>TZE                             | ONE<br>DES2                                                                                          |                                         | LNK10317<br>LNK10318                                                                                                 |
|        |                                                                      |                                                                                                                                                     |                                                                    |         | CALL D                                 | ISTANCE FUNCTION                                                                                     | DESTRED BY NUPBER ON INPUT CARD         | LNK10319                                                                                                             |
|        | 00744                                                                | 0020 00 0 00507<br>0774 00 4 00000                                                                                                                  | 10001                                                              | ENDIS   | TRA<br>AXT                             | ERUCH<br>4                                                                                           | EXIT                                    | LNK10320<br>LNK10321                                                                                                 |
|        | •••                                                                  | 1 00001 7 00001                                                                                                                                     | 11010                                                              | 2.12.12 |                                        | -                                                                                                    | • • • • • • • • • • • • • • • • • • • • |                                                                                                                      |
|        | 00746                                                                | 0020 00 4 00001                                                                                                                                     | 10000                                                              | •       | TRA                                    | 1.4                                                                                                  |                                         | LNK 10322<br>LNK 10323                                                                                               |
|        |                                                                      |                                                                                                                                                     |                                                                    |         |                                        | NE FOR PROBABILI                                                                                     | TY FUNCTIONS                            | LNK10324<br>LNK10325                                                                                                 |
|        | 00 74 7                                                              | 9634 00 4 99767                                                                                                                                     | 10001                                                              | PRBLTY  | 344                                    | XPRBLY,4                                                                                             |                                         | CHREUSES                                                                                                             |
| BINARY |                                                                      | 0500 00 0 03064                                                                                                                                     | 10001                                                              |         | CLA                                    | PCH                                                                                                  |                                         | LNK10326                                                                                                             |
|        | 00751                                                                | 0340 00 0 10240                                                                                                                                     | 10001                                                              |         | CAS                                    | ZERO                                                                                                 |                                         | LNK10327                                                                                                             |
|        | 00752                                                                | 0020 00 0 01003                                                                                                                                     | 10011                                                              |         | TRA<br>TRA                             | •+3<br>PERR                                                                                          |                                         | LNK10328                                                                                                             |
|        | 00754                                                                | 0020 00 0 00531                                                                                                                                     | 10001                                                              |         | TRA                                    | PERR                                                                                                 |                                         | LNK10330                                                                                                             |
|        | 00755                                                                | 0402 00 0 10241                                                                                                                                     | 10001                                                              |         | SUB<br>TZE                             | ONE<br>PROBL                                                                                         |                                         | LNK10331<br>LNK10332                                                                                                 |
|        | 00757                                                                | 0402 00 G 10241                                                                                                                                     | 10001                                                              |         | SUB                                    | ONE                                                                                                  |                                         | LNK10333                                                                                                             |
|        | 00760<br>00761                                                       | 0100 00 0 01021                                                                                                                                     | 10001                                                              |         | TZE<br>SUB                             | P#082<br>(INF                                                                                        |                                         | LNK10334<br>LNK10335                                                                                                 |
|        | 00762                                                                | 0100 00 0 01021                                                                                                                                     | 10001                                                              |         | TZE                                    | PROB3                                                                                                |                                         | LNK10336                                                                                                             |
|        | 00763<br>00764                                                       | 0402 00 0 10241                                                                                                                                     | 10001                                                              |         | SUB<br>TZE                             | ONE<br>PROB4                                                                                         |                                         | LNX10337<br>LNK10338                                                                                                 |
|        | 00765                                                                | 0402 00 0 10241                                                                                                                                     | 10001                                                              |         | SUB                                    | ONE                                                                                                  |                                         | LNK10339<br>LNK10340                                                                                                 |
|        | 00766                                                                | 0100 00 0 01067                                                                                                                                     | 10001                                                              | . PLACE | TZE<br>E transf                        | PROBS<br>ER TO CTHER PROF                                                                            | . FUNCTIONS HERE AS FOLLOWS             | LNK10341                                                                                                             |
|        |                                                                      |                                                                                                                                                     |                                                                    | :       | SUB<br>TZE                             | ONE<br>PROB6                                                                                         |                                         | LNK10342<br>LNK10343                                                                                                 |
|        |                                                                      |                                                                                                                                                     |                                                                    |         | CALL PR                                | OB. FUNCTION DES                                                                                     | SIRED BY NUMBER ON INPUT CARD           | LNK10344                                                                                                             |
|        | 90767                                                                | 1 00001 7 00001                                                                                                                                     | 10011                                                              | XPRBLY  | AXT                                    | •-•,4                                                                                                |                                         | LNK10345                                                                                                             |
|        | 00770                                                                | 0020 00 4 00001                                                                                                                                     | 1 6000                                                             | _       | TRA                                    | 1+4                                                                                                  | EXIT                                    | LNK10346<br>LNK10347                                                                                                 |
|        |                                                                      |                                                                                                                                                     |                                                                    | •       |                                        |                                                                                                      |                                         | £111.10311                                                                                                           |
|        |                                                                      |                                                                                                                                                     |                                                                    |         |                                        |                                                                                                      |                                         |                                                                                                                      |
|        | <b>A</b> :                                                           | SSEMBLED TEXT.                                                                                                                                      |                                                                    |         |                                        |                                                                                                      | 01/28/66                                | PAGE 79                                                                                                              |
|        |                                                                      |                                                                                                                                                     |                                                                    |         |                                        |                                                                                                      |                                         |                                                                                                                      |
|        |                                                                      |                                                                                                                                                     |                                                                    | •       | DISF                                   | COMPUTE DISTANC                                                                                      | CF .                                    | LNK10349                                                                                                             |
|        | 00771                                                                | 0774 00 2 00003                                                                                                                                     | 10000                                                              | 0151    | AYT                                    | 3,2                                                                                                  |                                         | LNK10350<br>LNK10351                                                                                                 |
|        | 00                                                                   | 00771                                                                                                                                               |                                                                    | DISF    |                                        | óis i                                                                                                |                                         | LNK10352                                                                                                             |
| BENAR  | CARD 1                                                               | ID. NETGENBO                                                                                                                                        |                                                                    |         |                                        |                                                                                                      |                                         |                                                                                                                      |
|        | 00772                                                                | 4520 00 0 01746                                                                                                                                     | 10001                                                              |         | NZT                                    | PRST                                                                                                 | TEST MODE                               | LNK10353                                                                                                             |
|        | 00773                                                                |                                                                                                                                                     | 10001                                                              |         | TRA<br>CLA                             | DISTAT<br>14+3,2                                                                                     | STATE<br>Primary                        | LNK10354<br>LNK10355                                                                                                 |
|        | 00775                                                                |                                                                                                                                                     | 10001                                                              |         | TSX                                    | FLTNT.4                                                                                              | FLOAT THE INTEGER COMPONENT PART        | LNK10356                                                                                                             |
|        | 00776<br>00777                                                       |                                                                                                                                                     | 10001                                                              |         | CLA<br>FDP                             | FX+3,2<br>FLX+3,2                                                                                    | GET FLOATING DIMENSIONALITY DIVIDE      | LNK10357<br>ink10358                                                                                                 |
|        | 01000                                                                | 0260 00 0 01763                                                                                                                                     | 10001                                                              |         | FMP<br>Tra                             | TEMP                                                                                                 | PULTIPLY BY COPPONENT PART              | LNK10359                                                                                                             |
|        | 01005                                                                |                                                                                                                                                     | 10011                                                              | DISTAT  |                                        | **3<br>1A*3,2                                                                                        | STATE                                   | FWK10391<br>F#K10390                                                                                                 |
|        | 01003                                                                | 0074 00 4 00717                                                                                                                                     | 10001                                                              |         | TSX<br>FS8                             | FL TN 1,4<br>FA+3,2                                                                                  | SUBTRACT TERMINAL COMPONENT PART        | LNK10362<br>LNK10363                                                                                                 |
|        | 01005                                                                | 0601 00 0 01763                                                                                                                                     | 10001                                                              |         | 510                                    | TEMP                                                                                                 | SOUTHER TENETHER COFFERENCE PART        | LNK10364                                                                                                             |
|        | 01006                                                                |                                                                                                                                                     | 10000                                                              |         | XCA<br>FMP                             | TEMP                                                                                                 | SQUARE IT                               | LNK10365<br>LNK10366                                                                                                 |
|        | 01010                                                                | 0601 00 2 01775                                                                                                                                     | 10001                                                              |         | 510                                    | TEMP+10.2                                                                                            |                                         | LNK10367                                                                                                             |
|        | 01011                                                                | 2 00001 2 00773<br>0500 GO 0 01772                                                                                                                  | 10001                                                              |         | TIX                                    | 015F+2,2,1<br>TEMP+7                                                                                 | ADD THREE PARTS                         | LNK10368                                                                                                             |
|        | 01015                                                                | 0100 00 0 01771                                                                                                                                     | 10001                                                              |         | FAD                                    | TEMP+8                                                                                               | nee mente                               | LNK10370                                                                                                             |
|        | 01014                                                                | 0300 00 0 01774                                                                                                                                     | 10001                                                              |         | FAD                                    | TEMP+9                                                                                               |                                         | LNK10371                                                                                                             |
| BINAR  |                                                                      | ID. METGEN31                                                                                                                                        |                                                                    |         |                                        |                                                                                                      | TANK COMMES                             |                                                                                                                      |
|        |                                                                      | 0074 00 4 00422                                                                                                                                     | 10001                                                              |         | TSX<br>HTR                             | .QRT,4                                                                                               | TAKE SOUARE ROOT<br>Should Never Happen | LNK10372<br>LNK10373                                                                                                 |
|        | 01017                                                                | G601 00 0 04237                                                                                                                                     | 10001                                                              |         | STO                                    | r                                                                                                    | STORE DISTANCE                          | LNK10374                                                                                                             |
|        | 01020                                                                | 0020 00 0 00745                                                                                                                                     | 10001                                                              |         | TRA                                    | ENDIS                                                                                                |                                         | LNK10375                                                                                                             |
|        |                                                                      |                                                                                                                                                     |                                                                    |         |                                        |                                                                                                      |                                         |                                                                                                                      |

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0 03060 0 03113 0 01006

03057 03113 01711

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SUB

N IN

PRIMARY - GET CONNECTION TYPE

STATE - GET CONNECTION TYPE

LNK10453 LNK10454 LNK10455

LNK10456 LNK10457

- 30GA

| BIMARY CARD ID. NEIGEN35<br>01130 0100 00 0 01145 | 10001                   | T 2 E       | SELF                       | PARE SELF-TEST                                                                                    | LNK 10459                                            |
|---------------------------------------------------|-------------------------|-------------|----------------------------|---------------------------------------------------------------------------------------------------|------------------------------------------------------|
| 01131 4520 00 0 03113                             |                         | NZT         | TTEST                      | MAKE SELF-TEST<br>IF ZERO, DC NOT ENTER<br>IN TABLE                                               | L 4K 1G460                                           |
| 01132 0020 00 0 01144<br>01133 0535 00 1 01721    | 10001<br>10001 STOPIT   | TRA         | IN.L                       | IN TABLE                                                                                          | L WK 10461<br>L WK 10462                             |
| 01134 0500 07 0 03113                             | 10001                   | CLA         | :1651                      |                                                                                                   | LWK 10463                                            |
| 01135 0402 00 0 10243                             |                         | SUE         | THREE                      |                                                                                                   | LNK19464                                             |
| 01136 4100 GC 0 01004<br>01137 0500 00 0 10241    | 10011                   | CLA         | o+4<br>DNE                 | TYPE 1 OR 2<br>TYPE 3                                                                             | 1 MK 10465<br>LMK 10466                              |
| 01140 0601 00 1 03156                             | 10001                   | 510         | TOLES, 1                   | ENTER IN PRIMARY STEP TABLE                                                                       | LNK10467                                             |
| 01141 0020 00 0 01144<br>01147 0500 00 0 10241    |                         | TRA<br>CLA  | XNTSL<br>ONE               |                                                                                                   | LMK10448                                             |
| 01143 0601 00 1 01775                             | 10001                   | STO         | TABLE. 1                   | TYPE 1 OR 2<br>ENTER INTO STOP TABLE                                                              | 1 MK 10449<br>LNK 10470                              |
| 01144 0020 00 4 00001                             | 10000 XYTBL             |             | Life                       |                                                                                                   | LMK10470<br>LMK10471<br>LMK15472<br>LMK10473         |
| 01145 0500 00 0 03062<br>01146 0402 00 0 10241    | 10001 SELF              | CLA<br>SIJB | SLF1ST<br>ONE              | ONE MORE SELF-CONNECTION                                                                          | LNK15472                                             |
| 01147 0601 00 0 03062                             | 10001                   | 510         | SLFTST                     | out four seer connection                                                                          | LNK10474                                             |
|                                                   | 10001                   | INZ         | XATBL                      | HORE ALLOWED                                                                                      | LAK 10475                                            |
| 01151 0535 00 1 01771<br>01152 0500 00 0 10241    | 10001<br>10001<br>10001 | CLA         | IN. (<br>ONE               | NO MORE ALLOWED<br>ENTER IN TABLE                                                                 | LNE 10474<br>LNE 10477                               |
|                                                   |                         |             |                            |                                                                                                   |                                                      |
| BIMARY CARD ID. METGEM36<br>01153 0601 00 1 01775 | 10001                   | \$10        | TABLE.1                    |                                                                                                   | LM# 10478                                            |
| 01154 0020 00 4 00001                             |                         | TRA         | 1.4                        |                                                                                                   | LM412479                                             |
|                                                   | •                       |             |                            |                                                                                                   | £ MK10480                                            |
|                                                   |                         |             |                            |                                                                                                   |                                                      |
|                                                   |                         |             |                            | 01/20/66                                                                                          | PAGE R3                                              |
| ASSEMBLED TEXT.                                   |                         |             |                            |                                                                                                   |                                                      |
|                                                   | •                       |             |                            |                                                                                                   | L4K10482                                             |
|                                                   | •                       | MEXPOD      | SET SWITCHES FOR           |                                                                                                   | LN=10483<br>LNK10484                                 |
| 01155 0634 00 4 01263                             | 10001 NEXPOD            | SXA         | ******                     |                                                                                                   | L 4K10485                                            |
| 01156 0520 00 0 01746                             | 10001                   | ZET         | PRST                       | TEST PRIM - STATE PRIMARY STATE-TEST EXCIT-INHIB STATE EXCITE STATE-INHIB STORE NO. OF COMPONENTS | L MK 10485<br>L MK 10486<br>L MK 10487<br>L MK 10488 |
| 01157 0020 00 0 01214<br>01160 4520 00 0 01745    | 10001                   | TRA         | NXPR[P<br>FXIN             | PRIMARY<br>STATE-TEST FROIT-INMIA                                                                 | LMK 10487                                            |
| 01161 0020 00 0 01176                             | 10001                   | TRA         | NSTX                       | STATE EXCITE                                                                                      | LNK10489                                             |
| 011 52 0560 00 0 03050                            | 10001                   | CLA         | \$1                        | STATE-INHIB                                                                                       | LNK10490<br>LNK10491                                 |
| 01163 C601 00 0 03046<br>01164 0300 00 0 03057    | 10001                   | CLA         | CNO<br>SCTYP               | Store no. or conferents                                                                           | LNK10492                                             |
| 01145 0-02 00 0 10242                             | 10001                   | SUB         | TWO                        |                                                                                                   | LNK10493                                             |
| 01166 0:00 00 0 01245<br>01167 0402 00 0 10241    | 10001                   | 176         | NCLTB<br>ONE               | TRANSFER IF SCTYP=?                                                                               | LNK10494<br>LNK10495                                 |
| 01167 0402 00 0 10241<br>01170 4100 00 0 01262    | 10001                   | THZ         | ERNEX                      | TRANSFER IF SCTYP=0 OR I<br>SCTYP=3                                                               | LMK10496                                             |
| 01171 0774 0) 1 01047                             | 10000                   | TXA         | 551,1                      | SCTYP=3                                                                                           | LMK10497<br>LNK10498                                 |
| 01172 0500 00 1 04225<br>01173 0601 00 1 03044    | 10001                   | STO         | T8LE1+551.L<br>TABLE+551.1 | LOAD INHIBITION<br>INTO TEST TABLE                                                                | LNK 10499                                            |
| 01174 2 00001 1 41002                             | 10011                   | TIX         | •-2,1,1                    |                                                                                                   | LNK10500                                             |
| 01175 0020 00 0 01262                             | 10001                   | TRA         | EXMEX                      |                                                                                                   | LNK10501                                             |
| BIMARY CARD ID. NEIGEM37                          |                         |             |                            |                                                                                                   |                                                      |
| 01176 0500 00 0 03047<br>01177 0401 00 0 03046    |                         | CLA<br>STO  | SX<br>CMO                  | STATE-EXCITALORY STORE NO. CF COMPONENTS LEVELS OF INSTIAL + TERMINAL COMMS. ARE THE SAME         | LNK10502<br>LNK10503                                 |
| 01200 0500 00 0 03067                             | 10001                   | CLA         | F EAN<br>CUD               | LEVELS OF INITIAL + TERMINAL                                                                      | LNK10504<br>LNK10505                                 |
| 01201 0601 00 0 03070                             | 10001                   | 510         | PRLEV<br>MEXCOP,4          | COMPS. ARE THE SAME<br>NEW COMPONENT ROUTINE                                                      |                                                      |
| 01202 0074 00 4 01265<br>01203 0774 00 1 00010    |                         | AXT         | 8,1                        | NEW COPPONENT ROOTING                                                                             | LPK10506<br>LNK10507                                 |
| 01204 6500 00 1 01725                             | 10001                   | CLA         | 18+5,1                     | CAUC DO IN COMP. TAGO                                                                             | FMK10208                                             |
| 01205 0601 00 1 01745<br>01206 0500 00 1 01735    | 10001                   | S10<br>CLA  | SLM+8,1<br>SP+8,1          | SAVE PRIM COMP INFO                                                                               | LNK10509<br>LNK10510                                 |
| 01207 0401 00 1 01725                             | 10001                   | STO         | 1=+8,1                     | GET STATE COMP INFO                                                                               | LNK10511                                             |
| 01210 2 00001 1 41004                             | 10011                   | TIX         | +-4,1,1<br>SLFCOM          |                                                                                                   | LNK10512<br>LNK10513                                 |
| 01211 0500 00 0 03061<br>G1212 0601 00 0 03062    | 10001<br>10001          | 510         | SLFTST                     | INITIALIZE SELF CONNECTION TESTER                                                                 | LNK10514                                             |
| 01213 0020 00 0 01245                             | 10001                   | TRA         | NCL TB                     | ******** *****************************                                                            | LNK10515                                             |
| 01214 4520 00 0 01745<br>01215 0020 00 0 01232    |                         | NZT<br>Tra  | EXIN<br>NPX                | PRIMARY - TEST FOR EXCIT-INHIL<br>EXCITATORY                                                      | LNK10516<br>LNK10517                                 |
| 01216 0500 00 0 03052                             | 10001                   | CLA         | PI                         | PRIN - INHIB                                                                                      | LNK10518                                             |
| 01217 0601 00 0 03946<br>01220 0500 00 0 03060    |                         | STO<br>CLA  | CNO<br>PCTYP               | STORE NO. CF COMPONENTS                                                                           | LNK10519<br>LNK10520                                 |
|                                                   |                         |             |                            |                                                                                                   |                                                      |
| BINARY CARO ID. NETGENSU<br>01221 0402 00 0 19242 |                         | SUB         | fwO                        | 70 AMERICA 15 OCT 17                                                                              | LNK10521                                             |
| 01222 0100 00 0 C1245<br>C1223 0402 00 0 10241    |                         | TZE<br>SUB  | MCLTB<br>ONE               | TRANSFER IF PCTYP=2                                                                               | LNK10522<br>LNK10523                                 |
| 01224 4100 00 0 01762                             | 10001                   | TNZ         | EXNEX                      | TRANSFER IF PCTYP=0 OR 1                                                                          | LNK10524                                             |
| 01225 0774 00 1 01047                             |                         | AXT<br>CLA  | 551,1<br>TBLE1+551,1       | PCTYP=3<br>Load inhibitory table                                                                  | LNK10525<br>LNK10526                                 |
| 01226 0500 00 1 04225<br>01227 0601 00 1 03044    |                         | 510         | TABLE+551.1                | INTO TEST TABLE                                                                                   | LNK10527                                             |
| 01230 2 00001 1 41002                             | 10011                   | TIX         | •-2,1,1                    |                                                                                                   | LNK10528                                             |
| 01231 0020 00 0 01267<br>01232 0500 00 0 03051    | 10001<br>10001 NPX      | TRA<br>Cla  | EXNEX<br>PX                | PRIH-EXCITE                                                                                       | L4K10529<br>LNK10530                                 |
| 01233 0601 00 0 03046                             | 10001                   | 012         | CNO                        | STORE NO OF COMPONENTS                                                                            | LNK10531                                             |
| 01234 0500 00 0 03070                             | 10001                   | CLA         | PRLEV                      |                                                                                                   | LNK10532                                             |
|                                                   |                         |             |                            | 01/28/66                                                                                          | PAGE 84                                              |
| ASSEMBLED TEXT.                                   |                         |             |                            | 22.20.00                                                                                          |                                                      |
| 01235 0402 00 0 10241                             |                         | SUB         | ONE                        | PRLEY *                                                                                           | LNK10533                                             |
| 01736 0601 00 0 03070<br>01737 0774 00 1 00010    |                         | STO         | PRLEV<br>8,1               | LAST LEVEL NO.                                                                                    | LN×10534<br>LNK10535                                 |
| 01240 0500 00 1 01725                             | 10001                   | CLA         | [M+B, ]                    |                                                                                                   | LNK10536                                             |
| 01241 0601 00 1 01735<br>01242 0500 00 1 01745    |                         | STO<br>CLA  | S⊭+8,1<br>SLM+8,1          | SAVE STATE COMP INFO                                                                              | LNK10537<br>LNK10538                                 |
| 01243 0601 00 1 01725                             |                         | 510         | 14.0.1                     | GET PRIM COMP INFO                                                                                | LNK10539                                             |
|                                                   |                         |             |                            |                                                                                                   |                                                      |

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| SIRAPY | 21744<br>01745<br>01467<br>01247<br>01250<br>01251<br>01252<br>01253<br>01254<br>01255<br>01256<br>01276<br>01276<br>01276<br>01276<br>01276                    | 0. NETFAND<br>2 00 01 1 NICON<br>CYPA 60 1 GICAY<br>0000 00 1 04424<br>2 00 01 1 4400<br>6000 00 1 04225<br>2 00 01 1 NICON<br>6000 00 0 1744<br>0070 00 0 0 0744<br>0070 00 0 10741<br>0070 00 0 10741<br>0070 00 0 10741<br>0070 00 0 10741<br>0070 00 0 0 000<br>1 0071 00 4 | 10000<br>10071<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10011<br>11010 |                                                                                                     | STZ<br>STZ<br>STZ<br>STB<br>ZEMA<br>ZEMA<br>ZEMA<br>LAC<br>CSTZ<br>STZ        | 0-0.1 : 551:1 1016:552:1 1016:5552:1 1016:5552:1 1021:0 1031 1031 1031 1031 1031 1031 1031 1 | Citar o To familé  je pejo fe, ujim b' Stie Comstitions dil'uto suite in Tamilé Jent Com. Icuntes                                               | *GE 3560<br>LW12561<br>LW12562<br>EW10565<br>LW10566<br>LW10566<br>LW10566<br>LW10566<br>LW10566<br>LW10566<br>LW10566<br>LW10551<br>LW10551<br>LW10553<br>LW10553<br>LW10553<br>LW10555 |
|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|        | <b>A</b> 5                                                                                                                                                      | SEMPLES TEXTS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                   |                                                                                                     |                                                                               |                                                                                              | ¢1/2 <b>0/64</b>                                                                                                                                | Pagi 85                                                                                                                                                                                  |
|        |                                                                                                                                                                 | 2634 30 4 61361                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | iceci                                                                                                             | NEACO#                                                                                              | 518                                                                           | # <b>%</b> EICP <sub>#</sub> 4                                                               |                                                                                                                                                 | ₹ <b>4.1944</b>                                                                                                                                                                          |
| RIMARY | 01766<br>01267<br>01273<br>01271<br>01273<br>01274<br>01275<br>01275<br>01276<br>01277<br>01301<br>01301                                                        | 8. AFICE NAN CACO GO G 10234 CACO GO C 12247 CACO GO C 12255 CC27 GO C 12255 CC27 GO C 12366 CC20 GO C CC277 C103 GO C CC277 C GCCG C C CC277 C C CCCG C C CC277 C CCCG C C CC277 C C CCCG C C CC277 C C CCCG C C CC277 C C CCCG C CC277 C C CCCG C C C C C C C C C C C C C C C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001                   |                                                                                                     | STZ<br>CLA<br>CAS<br>TOA<br>TOA<br>THA<br>TLE<br>EALL                         | ₩Ŀ <b>™</b> €Ω₽                                                                              | CCMMALF.LEvelb1*2*                                                                                                                              | LMC10549<br>LMC10560<br>LMC10562<br>LMC10562<br>LMC10563<br>LMC10565<br>LMC10566                                                                                                         |
| BINARY | CARC I                                                                                                                                                          | 01304<br>D.: NETGEN42                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                   | ASTPL2                                                                                              | GPOL                                                                          | N.F. A.H.C. X.T.                                                                             | •                                                                                                                                               | ( mr10540                                                                                                                                                                                |
|        | 01344<br>01345<br>01346<br>01347<br>01350<br>01351<br>01352<br>01353<br>01354                                                                                   | C500 00 C C3047<br>(4600 00 C 03050<br>6601 00 0 04312<br>C500 00 0 C3051<br>9400 00 C 03051<br>9400 00 C 03051<br>C774 00 I 00004<br>C560 00 I C3C53<br>0074 00 4 00717<br>0131 00 C 03000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 10001<br>10001<br>10001<br>10001<br>10000<br>10001                                                                |                                                                                                     | CLA<br>AED<br>STO<br>CLA<br>AED<br>STG<br>AXT<br>CLA<br>TSX<br>XCA            | ST<br>SIPLS1<br>PX<br>P1<br>P1=LP1<br>4,1<br>SX+1,1<br>FLTNT,4                               |                                                                                                                                                 | LNI 16549<br>ENILOSTO<br>LNI 18572<br>LNI 18573<br>ENILOSTA<br>LNI 10575<br>LNI 10575<br>LNI 10576<br>LNI 10577<br>LNI 10577<br>LNI 10577                                                |
| RIMARY | 01356<br>01357<br>01560<br>01361                                                                                                                                | D. WETGEN43<br>0260 GO 1 03057<br>0601 00 1 04765<br>2 00-01 1 01353<br>0774 00 ~ 0000r<br>1 00-01 7 00001<br>0070 00 4 00'01                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 10001<br>10001<br>10011<br>11016                                                                                  | INFICP                                                                                              | STC<br>TIX<br>AXT                                                             | GS#+4.1<br>CP(S+4.1<br>CVALUE.1.1<br>0.4                                                     |                                                                                                                                                 | CNR 10579<br>1.0510580<br>1.0511<br>1.0582<br>1.0583                                                                                                                                     |
|        | AS                                                                                                                                                              | SEMBLED TEXT.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                   |                                                                                                     |                                                                               |                                                                                              | 01/28/00                                                                                                                                        | PAGE 86                                                                                                                                                                                  |
|        | 01363<br>01402<br>01421<br>01440<br>01457<br>01476<br>01515<br>01533<br>01572<br>01611<br>01639<br>01647                                                        | 2000C0J07017<br>2000C0J07017<br>2000C0G0J17<br>2000C0G00017<br>2000C0G017<br>2000C0G0G017<br>2000C0G0G017<br>2000C0G0G017<br>2000C0G0G017<br>2000C0G0G017<br>2000C0G0G017<br>2000C0G0G017<br>2000C0G0G017<br>2000C0G0G017                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 00001<br>00001<br>00001<br>00001<br>00001<br>00001<br>00001<br>00001<br>00001                                     | IN1<br>1N2<br>1N3<br>1N4<br>1N5<br>1N6<br>1N7<br>1N8<br>1N9<br>1N1C<br>1N1C<br>1N11<br>1N12<br>1N13 | STORRAG<br>RSS<br>BSS<br>BSS<br>BSS<br>BSS<br>BSS<br>BSS<br>BSS<br>BSS<br>BSS | GE APRAYS 15 15 15 15 15 15 15 15 15 15 15 15 15                                             | FOR STACKING LEVEL INFC                                                                                                                         | LMK10585<br>LWK10595<br>LWK10596<br>LWK10599<br>LWK10590<br>LWK10590<br>LWK10595<br>LWK10595<br>LWK10595<br>LWK10595<br>LWK10595<br>LWK10597<br>LWK10597                                 |
| BINARY | CAPE I<br>01666<br>01705<br>01706<br>01707<br>01710<br>01711<br>01712<br>01713<br>01714<br>01715<br>01716<br>01717<br>01720<br>01721<br>01725<br>01725<br>01725 | D. NETGEN44 2000L000017 01363 200UL000001 2000L000001                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 00001<br>00001<br>00001<br>00001<br>00001<br>00001<br>00001<br>00001<br>00001<br>00001<br>00001<br>00001<br>00001 | INIA INAREA W X Z N A B C IX IX IX IX IC S S S S S S S S S S S S S S S S S S                        |                                                                               | 15 1                                                                                         | COMPONENTS IN PRESENT LEVEL CIMENSIONALITY  COMPONENT NO.  TOTAL COMPONENTS IN LEVEL OF INITIAL COM INITIAL COMP NO TRIPLE  SAVE COMP INFO AREA | LNK10579 LNK10600 LNK10602 LNK10602 LNK10605 LNK10606 LNK10607 LNK10606 LNK10606 LNK10610 LNK10610 LNK10611 LNK10613 LNK10615 LNK10615 LNK10615 LNK10617 LNK10618                        |

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| 000000000000000000000000000000000000000 | 1727<br>1730<br>1731<br>11732<br>11733<br>11734<br>11735<br>11736<br>11736<br>11740<br>11740<br>11742<br>11743<br>11743<br>11744<br>11745<br>11745<br>11746 | . NE FGE N45 200000000001 200000000001 200000000001 200000000                               | 00001<br>00001<br>00001<br>00001<br>00001<br>00001<br>00001<br>00001<br>00001<br>00001<br>10000<br>100001                                    | SY<br>SZ<br>SA<br>SB<br>SC<br>SLX<br>SLX<br>SLX<br>SLA<br>SLA<br>SLC<br>EXIN<br>PRSA | 815<br>855<br>855<br>855<br>855<br>855<br>855<br>855<br>855<br>855                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1 | EXCITINHIB. ENDICATOR<br>PRIMARY - STATE INDICATOR                                                                                                                                                                                 | LMK10619<br>LMK10620<br>LMK10622<br>LMK10623<br>LMK10624<br>LMK10625<br>LMK10626<br>LMK10627<br>LMK10627<br>LMK10630<br>LMK10630<br>LMK10631<br>LMK10633<br>LMK10633<br>LMK10634<br>LMK10635                                                                                                                                                                                     |
|-----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ·                                       |                                                                                                                                                             | SEMBLED TEXT.                                                                               |                                                                                                                                              |                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                             | 01/28/66                                                                                                                                                                                                                           | PAGE 87                                                                                                                                                                                                                                                                                                                                                                          |
|                                         | 73.<br>01752<br>01755                                                                                                                                       | 200000000003                                                                                | 00001                                                                                                                                        | FX<br>FLX                                                                            | ess<br>ess                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 3                                                                                           | FLOATING DIMENSIONALITY TRIPLES                                                                                                                                                                                                    | LNK10636<br>LNK10637                                                                                                                                                                                                                                                                                                                                                             |
| BINARY                                  |                                                                                                                                                             | D. NETGEN46 2000000001 20000000012 20000001047 2000000001 20000000001 20000000001 200000000 | 00001<br>00001<br>00001<br>00001<br>00001<br>00001<br>00001<br>00001<br>00001<br>00001<br>00001<br>00001                                     | FA TEMP TABLE COLCTR CCTR CNO SX SI PI GSX GSI GPX GPI SCTYP SLFCON RNPUT            | 855<br>855<br>855<br>855<br>855<br>855<br>855<br>855<br>855<br>855                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 3<br>10<br>551<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1                                 | FLOATING CCMP. TRIPLE  CONNELTION ENIBITING TABLE COLUMN COUNTER COMPONENT COUNTER NO. "F COMPS IN PRESENT MODE FOUR MODES  PERCENTAGES FOR NORMA_IZATION  CONMECTION TYPES                                                        | LNK10638<br>LNK10640<br>LNK10641<br>LNK10643<br>LNK10643<br>LNK10644<br>LNK10646<br>LNK10647<br>LNK10647<br>LNK10649<br>LNK10649<br>LNK10650<br>LNK10650<br>LNK10653<br>LNK10653<br>LNK10653<br>LNK10655<br>LNK10655                                                                                                                                                             |
|                                         | 03064<br>03065<br>03066<br>03067<br>03071<br>03072<br>03113<br>03153<br>03154<br>03155<br>04225<br>04227<br>04232<br>04232<br>04233<br>04233                | 1D. NETGEN48 2000000001 2000000001 2000000001 200000000                                     | 00001<br>00001<br>00001<br>10000<br>10000<br>00001<br>00001<br>00001<br>00001<br>00001<br>00001<br>00001<br>00001<br>00001<br>00001<br>00001 | CNVRILDIG OLDIG TBLE1 CTR RNO ICDIG CTRINI DCDIG B1S: DT MSTEP COMG GSAT D LEVNO     | 855<br>855<br>855<br>855<br>855<br>855<br>855<br>855<br>1 855<br>1 85 | 1<br>1<br>1<br>0<br>0<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1 | P-CHOICE O-CHOICE DECISION LEVEL NO. LAST I EVEL MO FAILURE COUNTER  PRUBABILITY  40 OF DIGITS, LEV OF INIT COMP SAME FOR TERMINAL COMPS TABLE TO STOP INHIB. CONNECTIONS INITIALIZATION OF RDM NO OF DIGITS, INIT COMP TERM.COMP. | LNK10657 LNK10659 LNK10659 LNK10660 LNK10660 LNK10663 LNK10665 LNK10665 LNK10665 LNK10666 LNK10667 LNK10667 LNK10671 LNK10672 LNK10673 LNK10675 LNK10676 LNK10676 LNK10676 LNK10677 LNK10677 LNK10677 LNK10678 LNK10680 LNK10680 LNK10682 LNK10683 LNK10683 |
|                                         | 04261<br>04262                                                                                                                                              |                                                                                             |                                                                                                                                              | CHIS                                                                                 | HSS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | A                                                                                           | 01/28/66                                                                                                                                                                                                                           | LNK10685                                                                                                                                                                                                                                                                                                                                                                         |
|                                         | A:                                                                                                                                                          | STREE CHIRMHES                                                                              |                                                                                                                                              |                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                             |                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                  |
|                                         | 04264<br>04265<br>04277<br>04300<br>04312<br>04313                                                                                                          | 10000000000<br>100000000000<br>1000000000000                                                | 00001<br>00001<br>00001<br>00001<br>00001                                                                                                    | EVEL<br>SYPL<br>PXPLP<br>RD: XP                                                      | # 855<br>M 855<br>N 855<br>#855<br>#855<br>#855                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1<br>10<br>1<br>10<br>1<br>1<br>2000                                                        | AREA FOR STORING OUTPUT                                                                                                                                                                                                            | LNK10686<br>LNK10688<br>LNK10688<br>LNK10689<br>LNK10690<br>LNK10691<br>LNK10692<br>LNK10693<br>LNK10694                                                                                                                                                                                                                                                                         |

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SIX DEC
SEVEN DEC
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LNK10703
LNK10704
 ATE DEC
EIGHT DEC
TEN DEC
C14 DEC
C15 DEC
C55 DEC
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LNK10711
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AXLP DEC
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 IPASS
MAXLP
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 LNK10713
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10261 000000000014
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 000000000003
000000000003
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 LNK10714
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 NETGEN REAL
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000000000000
 NETGEN REAL
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 SECT. 5, CALL
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200000100000
 RSF1" VIRTUAL
 SECT. 6, CALL
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 PUTREC VIRTUAL
 SECT. 7. CALL
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332626314333
200000100000
 .FFIL. VIRTUAL
 SECT. B. CALL
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 .FRWT. VIRTUAL
 SECT. 9, CALL
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 % ~~ 10,CAEL
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 SECT. 12.CALL
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2000000000000
332623456533
2000000000000
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 SECT. 13
 .UNU6. VIRTUAL
 SFCT. 14
 .FCNV. VIRTUAL
 SECT. 15
 .UNOS. VIRTUAL
 SCCT. 16
 $DKEND NETGEN
 NETGEN54
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SYMBOL REFERENCE DATA

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PAGE 91

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PAGE 92

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PAGE 94
 01/28/66
 SYMBOL PEFCHENCE DATA
 635
130,155
252
122,124
125,152,300,313,513,535,701
307,5507,531,675
303
114,145,273
117,150
278,306
242,1275
21
 CONEST
EXIT
GENXY
.FCNV.
.FFIE.
.FPRM.
 12
 FRWT.
 10
14
16
7
 .UMDB.
PUTREC
 RSFIR
 SYSLOC
 10
 01/28/66
 SIBPIC LIUMAL M94/2, FRT
 01/28/66
 PAGE 96
 - EFN SOUPCE STATEMENT - IF4(S) -
 I SWMA1
 FUNCTION ISUMA(A,MA)
INTEGER A
DIMENSION MA(A)
....SPACING OF CONNECTION POINTS FOR PDF GRAPH.
....A-LEVEL NO., MA-NO. COMPONENTS PER LEVEL. ZERO LEVEL-MA(1)
 LNK10716
LNK10717
LRK10716
LNK20719
 LNK10720
LNK10721
LNK10722
 1 SUMA = 0
 DO 30 L#1.A
30 ISUMA-13UKA-2-MA(1)-L
RETURN
 LNK10723
 LNK10724
LNK10725
 LNK10726
 END
 01/28/66
 SISFIC GENXYL M94/2, XR7
 01/28/66
 PAGE 98
 - EFN SOURCE STATEMENT - IFN(S) -
 SURROUTINE GENKY (A1,81,A2,82,MA,CGMNUM,[PASS,X,Y,Z,IN1,IM2,IN3, LNM10728]
LNM10730
LNM10730
LNM10731
LNM10730
LNM10731
LNM10731
LNM10730
LNM10731
LNM10730
LNM10731
LNM10736
LNM10736
LNM10736
LNM10736
LNM10736
LNM10736
LNM10736
LNM10736
LNM10736
LNM10737
LNM10736
LNM10737
LNM10736
LNM10737
LNM10737
LNM10738
LNM10738
LNM10739
 C
 LNK10736
LNK10737
LNK10738
LNK10739
 LNK10730
LNK10740
LNK10741
LNK10743
LNK10744
LNK10744
LNK10746
LNK10747
LNK10748
LNK10748
LNK10748
 REWIND &
 10
 80 3EAN(9) BNA
WRITE (3) INA
WRITE (3) INA
IF (INA(255) + 34359738347}90,90,80
90 REWIND 9
RETURN
 16
 LNK10750
LNK10751
LNK10752
LNK10753
LNK10754
```

LNK10755 LNK 10756 LNK10757 LNK10758

20

....FIRST PASS. INITIALIZE STORAGE COUNTERS.
10 IPASS=2
1=1
J=1
REHIND 9

The second second

Ł

```
2C IP(A1149,40,50

4C RX=2+81

GO TO 5

5C XX=2+81+(SUMA(A1,MA)

5 IF(A2140,40,70
 L MILL C 759
L MILL O 760
L MILL O 762
L MILL O 763
L MILL O 765
L MILL O 775
L MILL O 772
L MILL O 772
L MILL O 772
L MILL O 774
L MILL O 774
L MILL O 774
L MILL O 776
L MIL
 26
 37
 40
 01/28/64
 PAGE 99
 - EFR SQUECE STATEMENT & IFNIS) &
 26BHA3
 I MK 10782
LMX 10783
LMK 10785
LMK 10785
LMK 10786
LMX 10786
LMK 10790
LMK 10790
LMK 10791
LMK 10792
 ----COMMECTIUM ERCITATOMY

1 XX=XX=202144
EXMILL=XX=YY

1F':=LY=2551 GO TO 3

WAITEIDERA

1=1
GO TO =
3 I=1-1
4 RÉTURM
END
 01/28/66
 PAGE SOC
SIGFIC PUTPE # +/2, ##7
 01/28/66
 - EFN SOURCE STATEMENT - IFHES) -
 WRITE(8,7060)(COMMUM(1),LEVELH(1),I=1,MUMCOM)
TOAC FOR MAT(20114.1H...121)
 PAGE 14"
 01/28/66
SIBFTG CONEC M94/2: XR7
 01/28/66
 CONEC
 - EFN SOURCE STATEMENT - IFN(S) -
 SUBKOUTBNE CONECTIA.8.CPLS.CMIS.CPLI, CMINE.SXPLSI, PXPLPI,
inumcom, geneum. Leveln. CCTR.PRST, PRLEV, LEVN.M., IPASS. MA.LEVNO,
ZNEWCOM, EXIN. INI

DIMENSIBN COMMUNICID: .LEVELN.LIDI.MALIDI., INICISI, LMK10809
LMK10810
LMK10811
LMK10811
LMK10813
LMK10814
LMK10815
LMK10816
LMK10816
LMK10816
LMK10816
LMK10818
LMK10821
LMK10823
LMK10823
LMK10824
LMK10823
LMK10825
LMK10825
LMK10825
LMK10825
LMK10825
LMK10826
LMK10827
LMK10828
LMK10828
LMK10828
LMK10828
LMK10828
LMK10828
LMK10828
LMK10831
LMK
C
 RETURN
END
```

and the second second second

0:/28/66 PAGE 104

818FTC RSF111 #94/2.287

- EFN SOURCE STATEMENT - TENEST -

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The state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s

```
LMX 10843
LMX 10844
LMX 10845
LMX 10846
LMX 10847
LMX 10846
LMX 10850
LMX 10851
LMX 10853
LMX 10853
LMX 10856
LMX 10856
LMX 10856
LMX 10856
LMX 10857
 REAR AND RECORD METHORK SENERATOR INFORPATION.
C
C
C
 READIS, TOLO LEVNO, CT. FPSCN. MSTEP, .SAT. COMG
TOLO FORMATIEZ, FO. 9, FO. 9, FO. 6, FT. 7, FO. '1
2000
 READIS,70201 X,v,2,RNO,PCM-DCH
7020 FGRPAT(313,15,211)
MITE10,70121X,v,2,RNO,PCH,DCH
7012 FGRPAT(1H ,7/12H SECOMD CARD/3HOX=,13,4X,2HY+,13,4X,2HZ+,13,4X,
14MRNC=,15,4X,4MPCH=,11,4X,4MDCH=,11)
 LNKICASA
LNKICASA
 L₩10860
L4K10861
 WRITF(647014)
7814 FORMAT(84MOLEVEL CARDS—8//AM LEVEL,5X,1M%,7X,1MY,7X,1MZ,7X,2MSX,
16X,2MS146X,2MPX,6X,2MP1,5X,3MGSX,5X,2MGSL,5X,3MGPX,5X,3MGP1,4X,
25MSCTYP43X,5MPCTYP,3X,6MSL*CON)
00 1 1=1.EVMO
RG6015,70301 (TEMP!1,J),J=1.13)
7030 FORMAT(1344)
 imm10862
imm10863
imm10864
imm10865
imm10866
imm10866
imm10868
 PREAD(9,7040) (N1(1),(N2(1),1N3(1),1N4(1),IN5(1),IN5(1),IN6(1),IN7(1),
1188(1),0N0(1),IN10(1),IN11(1),IN12(1),IN13(1),IN14(1),IN4(1),
7040 FORMAT(713,4F4.3,211,13)
WRITE10,701311,IN1(1),IN2(1),IN3(1),IN4(1),IN5(1),IN6(1),IN6(1),IN7(1),
1288(11),1N0(1),IN10(1),IN11(1),IN12(1),IN13(1),IN14(1)
7013 FORMAT(3N0,2X,12,2X,1N+,7(2X,1),2X,1N+),4(F6.3,1N+),2(3X,11,3X,
11N+),2X,13)
 30
 LNK10870
LNK10871
LNK10872
LNK10873
LNK10874
 WRITE(3) LEWMO.DT.EPSLN.MSTEP.GSAT.COMG.X.Y.Z.RMC.PCH.OCH

WRITE(0,27010) LEWMO.DT.EPSLN.MSTEP.GSAT.COMG

WRITE(2,47011)LEVMO.DT.EPSLN.MSTEP.GSAT.COMG

7011 FORMATIZSMONETWORK SPECIFICATIONS///ISM NO. OF LEVELS=.12/

LAM DT-.F14.9/ 7H FPSLN= .F14.9/7H MSTEP=.F9.6/ OH GSAT=.F9.7/

LONG.F9.7)

DO 2 1=2.LEVMO

2 WRITE(0,7030)(TFMP41,J),J=1,L3)

RETURN

END
 LNK 10876
LNK 10877
LNK 10878
LNK 10879
LNK 10880
LNK 30881
 PAGE 106
 01/28/66
 [SOMA E
 STORAGE PAP
 CFEON ISUMA TYPE I
UNDIMENSIONEC PROGRAM VARIABLES
 SYMBOL F. 0000
 LOCATION
 TYPE
I
 SYMBOL
 LOCATION
 TYPE
 SYMBOL
 LOCATION
 TYPE
 0000 t
 ENTRY POINTS
 1 SUMA
 SECTION
 SUBROUTINES CALLED
 SNALOC
 SECTION
 IFN
 CORRESPONDENCE
 LFN
 LOCATION
 EFN
 IFN
 LOCATION
 01/28/66
 PAGE 107
 GFAKY
 STORAGE NAP
 SUBROUTINE GENXY
CIMENSIONEC PROGRAM VARIABLES
 FROL LOCATION TYPE
1 00ACD 1
UNDIFFENSIONED PROGRAM VARIABLES
 LECATION
00001
 SYMPOL
EXA
 SYMBOL
 SYPBOL
 LOCATION
 TYPE
 INA
 SYMBOL
 LOCATION
00777
 1445
 SYPBOL
 LICENTION CLOCK
 TYPE
 SYMBOL
 LOCATION
01001
 TYPE
 XX
 01002
 ENTRY POINTS
 CENTY
 SECTION
 SUBROUTINES CALLED
 SECTION
SECTION
SECTION
SECTION
 .FWR8.
.FR08.
.UN03.
.FRDT.
 .FBL0.
.FBL5.
.FWLR.
.UNO9.
 .FRWT.
ISUMA
.FBLT.
.FRLR.
 SECTION
SECTION
SECTION
SECTION
 SECTION
 11
 EFN
 IFN
 CORRESPONDENCE
 LOCATION
91120
91064
91141
91163
 LOCATION
01132
01113
01174
01176
01274
 LOCATION
0:023
01135
01157
01240
01271
 EFN
10
80
50
70
2
 EFN
20
90
5
 21A
16A
27A
```

THE FIRST LOCATION NOT USED BY THIS PROGRAM IS CLIAL.

01/28/66 PAGE 108

STORAGE PAP SUBROUTINE PUTREC ENTRY POINTS

PUTREC SECTION

FUTRE

SUBRCUTINES CALLED .FURD. SCTION SECTION SECTION 4 SECTION 7 CORRESPONDENCE

.FFIL. SECTION

1FM 11A

LOCATION

00150

EFN IFN LOCATION EFN 1 7060 FORMAT 00007 THE FIRST LOCATION NOT USED BY THIS PROGRAM IS 00063. 1FM LOCATION IFN LOCATION

COMEC 01/20/66 STORAGE MAP PAGE 109 SUBROUTINE CONECT DEPENSIONEL PROGRAP VARIABLES SYMBOL LOCATION LOCATION TYPE SYMBOL SYMBOL LOCATION INE 00020 : UNDEPENSIONEC PROGRAM VARIABLES 108455 1 LOCATION 00056 SYPECL Y SYMBOL LOCATION TYPE LOCATION 00057 ENTRY POINTS CONECT SECTION SUBROUTINES CALLED .FHRD. .UNGE. SYSLOC SECTION SECTION SECTION PUTREC .FFIL. GENXY .FCNV. EFN IFN CORRESPONDENCE

LOCATION

00071

LOCATION 00134 THE FIRST LOCATION NOT USED BY THIS PROGRAM IS 00344.

RSFIII 01/28/66 PAGE 110 STORACE MAP SUPROUTINE RSFII CIMENSIGNEC PROGRAM VARIABLES SYMBOL TEMP LOCATION TYPE SYMBUL LOCATION SYMBOL 172F UNDIMENSIONED PROGRAM VARIABLES LCCATION 00304 SYMBCL I TYPE SYMBOL LCCATION TYPE SYPECL LOCATION TYPE ENTRY POINTS RSFII SECTION SUBRCUTINES CALLED .FRDD. .UNO5. .UNO6. .FMLR. .UNO8. SECTION SECTION SECTION SECTION SECTION .FRRD. .FRTA. .FFIL. .FBLT. SYSLOC EFA IFN .FWR8. .FCAV. .UN03. .FBCT. SECTION 7
SECTION 10
SECTION 10
SECTION 13
SECTION 16
CORRESPONDENCE EFN IFN LOCATION EFN I
701' FORMAT 00313 7020 F
701 FORMAT 00342 1
7040 FORMAT 00376 7013 F
2 91A 01007
THE FIRST LOCATION NUT USED BY THIS PROGRAM IS 01253. EFN 701' 701 7040 IFN FORMAT LOCATION 00320 00567 IFN FORMAT FORMAT FORMAT LOCATION 00322 00375 00415

01/28/66

## IPTCO - EFN SOURCE STATEMENT - IFN(S) -

. .

```
SUBROUTEME IPTCON(READCP, MUMIN, MAMES)
DIMENSION ELISIO), DATA(510), IDATA(510)
EQUIVALENCE(DATA(1), IDATA(1), EL(1))
IMTREER READOP, TROOP
DATA EX/6HEXPLOD/
REVINO 4
REVINO 1
 1 2
 MEC-NUMBH
IFIREADOP.NE.1160 TO 1
 IPIREADDP.ME.11GO TO 1
CBAD!111TRDOP.ME.NITH.MINITES
IFITRODP.ME.READOP.OR.MMINIM.ME.MUMIN.CR.MMAMES.ME.MAMES180 TO 11
WRITE(4)READOP.MUMIN,MAMES
DO & I=1,MAMES
READ!11MAME.KEV.(1DATA(J),J=1,MUMIN)
70 4 J=1,MUMIN
IFILDATA(J).CT.2561GC TO 13
DATA(J)=(DATA(J)-1)
IPIDATA(J)=(DATA(J)-1)
OATA(J)=(DATA(J)-1)
OATA(J)=(DATA(J)/256.O
CALL DPOINT(DATA(J),1)
WRITE(4)MAME.KEV.(DATA(K),K=1,MUMIN)
6 CONTINUE
GO TO 7
L=3
 12
 15
 38
40
 GO TO 7

L = S

IPERADDP.EQ.31L=10

READIL.TOTOITROOP.MNUMIN.NNAMES.EXP

IPERADDR.MC.READOP.OR.NNAMIN.NE.NUMIN.CR.NNAMES.NE.NAMESIGO TO 11

NRITCIANEADOP.MUMIN.NAMES

IPERP.NE.EX) GO TO 2

ACCORDING TO EXPLOS CARDS
 52
 58
 CALL EXPLODINUMIN, NAMES, EL, 104741
 CALL EXPLODINGMIN, NAMES, EL. SOATA)
CO TO T
2 DO 3 ==1, MAMES
READIL, TOBO) NAME. REV, (ELER) RE-1, MEL)
3C DO 50 J=1, MEL
50 CALL BPBINT/FEL(J), 1)
60 MR TE(4) NAME, KEY, (ELER), R=1, MEL)
7 EMD FILE A
REMIND 6
REJIND 11
PRINT 1900
RETUMN
 42
 67
 LNK20010
 L4K20011
 90
91
 92
93
 RETURN
11 WRITE(648000)
 94
 STOP
 13 MITE(+4800L)
 95
13 WRITELOGUDLE

STOP

80 FORMATION NAME ,14,4x,3MKEY,13//5(F19.16,1X))

8000 FORMATION CONTROL CARD ERROR/INI)

8001 FORMATION INPUT VALUE ERCEEDS MAX. SIZE.)

707C FORMATION INPUT VALUE ERCEEDS MAX. SIZE.)

708C FORMATION INPUT CONVERTED ////)
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01/28/66 IPTCO - EFN SOURCE STATEMENT - IFNISI -

> 01/26/66 PAGE 114

PAGE 113

## SISFIC EXPLOR

The state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s

The same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the sa

01/28/66 - EFN SOURCE STATEMENT - IFN(S) -

SUBROUTSNE EXPLOD(NUPTN, NAMES, EL, IDATA)
DIMENSION EL(I), II(1537), VALU(1530), IDATA(1)
EQUIVALENCE (II(I), VALU(I))
DO 1 1=2, NAMES
DO 2 J=1, NUMIN
2 IDATA(J)=0
READ(5,100G)NAME, KEY, LODCT
100C FORMAT(AC, ZI3)
M=3+100C(-2
READ(5,100I)(II(K1, II(K+1), VALU(K+2), K+1, H, 3)
1001 FORMAT(7(Z)3, F4.4))
DO 3 K=1, H, 3
L=11(K)
N=11(K+1)
DO 3 J=1, N
EL(J)=VALU(K+2)
3 CALL RPOINT(EL(J), I)
1 WRITE(4) NAME, KEY, (EL(K), K=1, NUMIN)
RETURN
ENC 9 13

FNC

```
01/28/66
 STORAGE MAP
 IPICO
 SUBROUTINE IPICON
DIPENSIONEE PROGRAP VARIABLES
 LOCATION
 SYPECE
 LOCATION
 TYPE
SYMBOL
EL
 LOCATION
 SYPBOL
 A 000C1 R
UNDINERSIONEC PROGRAP VARIAPLES
 10000
 00001
 DATA
 LOCATION
 1 YPE
 SYMBOL
 LOCATION
 TYPE
 SYPROL
 01007
SYMBOL
 NAPE
 01001
01004
01007
 010C0
010C3
TROOP
 MEL
MMAMES
KEY
EXP
 91.005
 01011
 FATRY POINTS
 IPTCLN
 SECTION
 SUBRCUTIMES CALLED
 SECTION
SECTION
SECTION
SECTION
 .FWRB.
.FRDG.
.FPRB.
.WOGA.
.FBLT.
 SECTION
 .FRut.
 SEC TION
 SECTION
SECTION
SECTION
SECTION
SECTION
SECTION
SECTION
SECTION
 SECTION
SECTION
 BPOINT
EXPLCO
 .FVIC.
 11 14 17
 10
 SECTION
SECTION
SECTION
SECTION
SECTION
SECTION
SECTION
SECTION
 .EXIT.
.FRiR.
 13
16
19
22
25
28
 .Fugg.
 .U411.
 SECTION
SECTION
SECTION
SECTION
SECTION
 .FRTn.
.WNO+.
E.3
 20
23
26
29
32
 .Fbl#.
.FF[L.
E.2
CC.1
 .FCMV.
E.1
E.4
CC.3
 cc.z
systoc
 IFN
 CORRESPONDENCE
 1FN
45A
90A
87A
77A
FORPAT
 LOCATION
01257
01453
01451
01421
01034
 IFA
494
344
FORMAT
 IFN
 LOCATION
 LOCATION
01262
01227
 EFN
 EFN
 11
 94A
95A
64A
74A
 01475
01507
01355
01420
 4
7070
 01047
 30
9000
 7080
 01054
 01433
 82A
 01025
 80
 01041
 NOT USED BY THIS PROGRAP IS C1572.
 01/28/66
 PAGE 117
 STORAGE MAP
 EXPLOR
 SUBROUTINE EXPLOD

CIPENSICNED PROGRAP VARIABLES
 S Y#BOL
 LOCATION
 TYPE
 SYMBOL
 LOCATION
 LOCATION
 SYMBOL
 VALU
 10000
 10000
 UNCIPENSIONEC PROBRAM VARIABLES
 LOCATION
 TYPE
 SYMBOL
 LOCATION
 TYPE
 SYPECE
 TYPE
 LOCATION
 SYMBCL
 02775
 02773
02776
 MAP .
 02774
 10001
 030C2
ENTRY POINTS
 03001
 SECTION
 EXPLOD
 SUBRCUTINES CALLED
 SECTION
SECTION
SECTION
 SECTION
 SECTION
SECTION
SECTION
 .FRDD.
 SPGINT
 .FRTN.
.FWLR.
SYSLEC
 SECTION 7
SECTION 10
SCCTION 13
CORRESPONDENCE
 .FCMV.
 .U405.
 SECTION
 IFN
 IFN
7A
 EF4
1000
 [}%
FORPAT
 LOCATION
 LOCATION
 LOCATION
 EFN
 IFN
 364
FORMAT
 03143
 C3036
03127
 1001
 THE FIRST LOCATION NOT USED BY THIS PROGRAM IS 03226.
 01/28/66
 SIBFIC METAL M94/2.AR7
 01/28/66
 - EFN SCURCE STATEMENT - IFN(S) -
 METAL
 SUBROUTERE NETASI(RET,STEMP)

DIMERSIDN

1(15), MIS(15), MI(15), MI(15), MI(15), MINS(15), MINS(15), FPLL(15), MINILMESOOO2

2), DATA(2CO), MS(15), MI(15), MPLS(15), MMINS(15), MPLI(15), MMINI(15), LAK BOOO4

3MIAS(15), MSLW(15), MGMT(1000), GhT(1000)

DATA MOMET/OHENDRET/
INTEGER #, Y, TABSZ, A1, A1, A, A, ACCR, OUT, SVAL, CUTP1, OUTP2, CUTP3, CATA, LAK 30007

1STIMP, ASSIGN

REAL

MSTEP, MS, MI

LMK 30008

EQUIVALENCE (MD1, DT1, (MPSLN, EPSLN), (MSTEP, MSTEP), (MSAT, GCATT), INDMEMBERSOOO

EQUIVALENCE (MD1, DT1, (MPSLN, EPSLN), (MSTEP, MSTEP), (MSAT, GCATT), INDMEMBERSOOO
 REAL #STE*,#S,#1 LMK30008
EQUIVALENCE (NDT,OT), (NPSLN,EPSLN), (NSTEP,#STEP), (NSAT,GSATT), (NOMLMK30010
IMG,CGMMG), (NS,MS), (NI,MI), (NPLS,EPLS), (NPINS,EMINS), (NPLI,EPPLI), (NCHLK30011
2MINI,EPPNI), (NI,AS,RIAS), (NSUM,ESUM), (NCPLS,CPLS), (NCPINS,CPINS), (NL,MK30012
3CPLI,CPLI), (NCMINI,CPINI), (NGMT,GMT)
LMK30013
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I was a writer at the first

PAGE 116

- -

```
WRITE I JEAD LEW
WRITE I JEAD LEW
WRITE I JEAD LEU (M) . M-1, 7001
RESIDE JEAD
COLL DESE II.
CALL METASZECATA, ASSIGN, TAOSZ, STEMP)
RESURB
28 KE + 102-2
MAPE - COMPONENT NAME.
81 IS PUT IN THE DECRETARY.
AL IS PUT IN THE ADDRESS.
MAPE-810202104041
ASSIGNERS-11 - MADE
ASSIGNERS-11 - MADE
ASSIGNERS-11 - MADE
ASSIGNERS-12 - MADE
ASSIGNERS-12 - MADE
ASSIGNERS-13 - MADE
OUT 131-- ADDR
EXT-81
COUT 131-- ADDR
24 OUT 131-- ADDR
COUT 13-11 - MADE
OUT 13-11
 - EFA SQUACE STAFFMENT - IFALSI -
 Lw10106
1w30107
Lw30100
Lw30164
Lw30111
Lw30113
Lw30113
Lw30116
Lw30116
Lw30116
Lw30116
Lw30116
Lw30111
Lw30110
Lw30111
Lw30110
Lw30117
Lw30120
Lw30121
 F#130134
F#130133
F#130133
F#130133
 LMX36134
LMX30135
LMX30137
LMX3C130
LMX3C130
LMX30141
LMX30145
LMX30145
LMX30144
LMX30144
LMX30144
LMX30144
LMX30144
 JAMEN * I * T
Put T in Dechement, I in accress.
Cutinotis * vezazion »I
CUTIONING TOPOLOGICAL TOPOLOGI
 172
 L ME 30140
L ME 30150
L ME 30151
L ME 30152
L ME 30154
L ME 30154
L ME 30155
L ME 30150
 1.04
 194
 PAGE 12?
 METAL
 - EFN SOURCE STATEMENT - IFAIS) -
 J=J+1

OUT(J)=B(R)=262144+A(R)

J=J+1

70 OUT(J)=NGWT(R)

75 DO -80 E -4, JRANCY

IF(A(L)?77,85,85

75 J=J-1

OUT(J)=TABS(8(L)+262144 -A(L))
 LNK30161
LNK30162
LNK30163
LNK30164
 L4K30165
L4K30166
L4K30166
L4K30166
L4K30170
L4K30170
L4K30171
L4K30173
L4K30173
L4K30173
L4K30175
L4K30175
L4K30175
L4K30175
 OUT(J)=FABS(0(L)=Z62144 -A(L))
j=J1
OUT(J)=-NGBT(L)
80 XOM[A = XOM[A + L,O
85 DO 9C LR =L,:XA'DV
IF(A(LL))95, NO, 86
80 j=J+1
OUT(J)=B(LL)=Z62144+A(LL)
j=J+1
OUT(J)=NGWT(LL)
9C XOPLR = XOPLR + LO
95 DO 100 XN = LL, IXANOV
j=J+1
OUT(J)=FABS(0(KK)=Z62144 -A(KK))
j=J+1
J=J+1
 LNK30177
 LNK30179
LNK30179
LNK30180
LNK30181
LNK30182
'NK30187
 OUT(J)==NGHT(KK)

100 XDM18 = XDM16 + 1.0

C CHECK GAT COSSISTANCY.

1F(IXOPLA = GSAT).GE.CCPLS.ANC.SXDM16 = GSAT).CF.CCMIN.AND.(ROPLB LNK30186

1 * GSAT).GE.CCPLI.AND.SXDM18 = GSAT).GE.CCMINIGO TO 12C

WRITE(NTA*,1150) I

115C FORMAT(HH1,25R24HCCMPPONENTS INCCNSISTENT./25X23HTHE CUMPGHENT NUMBLNK30189

LRR = ,14/1

GO TC 1200

120 J=Je1

1FJ.LE.200)50 TO 500

MAX = J-1

HRITE(JTAP)MAX

LNK30199

LNK30199

HRITE(JTAP)MAX

LNK30199

LNK30199
 OUT (J) -- NGHT (KK)
 9L WK 30189
L WK 30190
L WK 30191
L WK 30192
L WK 30193
L WK 30194
L WK 30194
L WK 30197
L WK 30200
L WK 30200
 264
 WRITE JIAPINAN
WRITE JUTAPINAN
WRITE OUT THE "OUT" ARRAY AND CONTINUE.
JUL
500 CONTINUE
WRITE(NTAP.1140)
114C FORMAT(HH:25X2UHTCO MANY COMPONENTS./)
1200 STOP
 212
 FAK 30503
FAK 30505
 1200 STOP
END
```

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A THE PROPERTY OF THE PROPERTY OF

PACA 121

PAGE 124

01/28/66

SIBFIC NETAZ M94/2, XR7

**E** 

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METAZ
 - EFM SOURCE STAYEMENT - IFA(S) -
 SUBROUTINE NETAS2 (DATA, ASSIGN, TABS2, STINP)
DIMENSION DATA(200), BLOCK (500), ASSIGN (1100)
INTEGER DATA, BLOCK, ASSIGN, TABS2, STIMP, COMPNO
 LNK30205
LNK30206
LNK30207
 LNK30208
 AND LEVEL INFORMATION IN 200 WORD BLOCKS. LAKS02290
 MEN ENTERING THIS PHASE, THE FIRST 156 WORDS OF DATA CONTAIN LWK30212 LEVEL INFORMATION. S.E., MANE(I), MS(I),.... ESUP(I) LMK30215 LMK30215
 2 READ(1) J
 LNK30214
 LMK30218
LMK30218
LMK30219
 J BS THE NUMBER OF WORDS IN SACH BLOCK. AFTER THE LAST BLOCK IS READ, J WILL CONTAIN THE SENTINAL 990.
 LMK30219
LMK30220
LMK30221
LMK30236
LMK30237
LMK30238
LMK30239
LMK30240
 #F(J.NEJ990)G0 TO 1
555 DO 6 L=3,200
 DATA ARRAY COMPLETED WITH NEGATIVE ZEROES.
 8 DATA(L!==0
 WRITE(9) CATA
READ(1)(DATA(RL),KL=1,200)
WRITE(9) DAYA
REWIND 1
 LNK30241
LNK30242
 14
16
23
25
 LNK 30243
 26
27
28
 ENDFILE 9
 LMK302-4
REVINO 9
PRINT 8500
SOOD FORMAT(///16H METWORK GENERATED///)
 LNK30246
LNK30247
LNK30248
 RETURN
 1 READ(1)(BLOCK(KL),KL=1,J)
MEXT=0
 LNK30249
 7 IF(J.LE.K)GO TO 2
 M=1+11
MONEXT=1
19(M:LT=200) GO TC 9
 LNK30257
LNK30258
LNK30259
 *****FOLLOWING INSTRUCTIONS THROUGH-GO TO 14- MAINTAIN DAFA ARRAY SIZE. *****
 LNK30259
LNK30260
LNK30261
LNK30262
LNK30264
LNK30264
LNK30266
LNK30266
 N=K
DO 11 L=1.200
DATA(L)=BLOCK(N)
 11 M=N+1
WRITE(9)DATA
M=N-200
1F(M-GT-0)GO TO 33
 55
 G1/28/66
 PAGE 125
 - EFN SOURCE STATEMENT - IFN(S) -
 GO TO 14
33 DO 12 L#1,#
DATA(L1#8LOCK(N)
 LNK30270
 LNK30271
LNK30272
 12 N=N+1
[=M+1
 LNK30273
 NEXT=7
GD YO 14
9 N=K-1
 LNK 30274
 LNK30275
LNK30276
LNK30277
 00 10 L=1.P
 LNK30278
-LNK30279
LNK30280
LNK30281
 COMPONENT INFORMATION IS TRANSFERED FROM BLCCK TO DATA. ...
 10 DATA(L)=BLOCK(N)
 NONE XT=1
 I NK 30282
 LAM 30283

....NONEXT IS THE LCCATION OF THE MEXT TERMINAL COMPONENT.LNK30284
 LNK30285
 1=1+12
 LNK 30286
 TY=BLOCK(K-1)/262144
 LNK 30289
LNK 30290
LNK 30292
LNK 30292
 DIVISION BY 262144 PLACES THE DECREMENT OF A WORD IN THE
 ADDRESS OF THE WCRD.
 BLOCK(K-1) IS XANCY
17=RLOCK(K-1)-1Y+262144
 LNK30295
```

\* •

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Julion,

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000
 LMK30796
 TLMK30297
LMK30298
LMK30300
LMK30301
LMK30302
LMK30303
LMK30303
 C C C C
 DO 20 PREPARES THE CONNECTION WORL ITEMS CONSISTING OF EACH ADDRESS AND THE CORRESPONDING G-MEIGHT.
 JBL0C+8L0CK(K)/262144
 C
C
C
 I ME 30 305
 £
C
C
 STINP IS THE ABSOLUTE BEGINNING OF STIMULOUS INPUT.
....BLOCKIK) IS THE STIMULOUS INPUT NUMBER.
GO TO 444
3 DO 30 PP1.TABSZ+2
 LMK30317
LMK30318
LMK30319
LMK30321
LMK30322
LMK30322
 TABSZ 15 FHE NUMBER OF HORCS IN ARRAY ASSIGN.
ARRAY ASSIGN CONTAINS COMPONENT NAMES AND CORRESPONDING MACHINE ADDRESSES.
 30 IFINLOCK(K).EQ.ASSIGN(M))GU TO 6
 01/28/66
 PAGE 124
 META2
 - EFH SOURCE STATEMENT - IFMIS) -
 LNK30324
LNK30325
LNK30326
LNK30327
 BLOCK(K) IS THE COMPONENT NAME.
 C MRITE(6:1111) BLOCK(K)

1111 FORMAT(10H COMPONENT,D17,17HCANNOT BE FOUND, 1
STOP
6 DATA(1)=ASS\((K(H+1))
444 IF(BLOCK(K+1)) 4889,4,4
8889 DATA(1)=-DATA(1)-32768+9LOCK(K+1)+242144
 112
 LMX 30324
 LN430324
 LMK30331
LMK30332
LMK30333
LMK30335
LMK30335
LMK30336
LMK30333
LMK30340
LMK30341
LMK30341
LMK30344
LMK30344
LMK30344
LMK30344
LMK30344
 32768 PLACES A ONE IN BIT POSITION THENTY.
 GD TO 44
DATA(1)=DATA(1)+32768+8LOCK(K+1)=262144
 4 DATA(()=Un-n...
44 l=1+1
IF()_LE_2001GC TO 20
 IFIT.LE.2001
NEXT=7
WRITE(9)DATA
f=1
20 K=K+2
GO TO 7
 134
 END
 01/28/66
 PAGE 127
 METAL
 STORAGE MAP
 SUBROUTINE NETASI
DIMENSIONEC PROGRAM VARIABLES
 SYMBOL
 LOCATION
 TYPE
 LOCATION
00025
00102
00157
 SYMBOL
 SYPBOL
 TYPE
R
R
I
 00006
00063
00140
04266
07222
00044
00121
 LOCATION
 MS
FMINS
BIAS
 00044
00121
02152
04234
00025
 FPLS
 FPLI
ESUM
 FAIRE
 OUT
DATA
MPLS
MMINI
MGHT
 ASSIGN
 A
NS
NMINS
NIAS
 05252
 1 1
 00102
 NSUM
 00202
 SYPBOL
TABSZ
ADDR
OUTPZ
NOT
EPSLN
GSATT
NCPLS
CHIMS
NCPINI
 LOCATION
07532
07535
07540
07543
 SYMBOL
 TYPE
 LOCATION
07534
07537
07542
00001
00002
00004
00176
00177
 SYMBOL
 LOCATION
 TYPE
 07533
07536
07541
00003
00002
00004
00003
 TYPE
 A1
SVAL
DUTP3
 81
 OUTPL
MSTEP
NPSLN
NSAT
COMMG
 00001
 NSTEP
 00003
00005
00176
00200
NOMMG
CPLS
NCPLI
CMINI
NTAP
 NCHINS
 00177
 NCHIN:
CPLI
ITAP
IVAL
OPUT3
GSAT
NUT
CCMIN
 002C0
07544
07547
07552
 HCPINI
JTAP
 00201
07545
07550
07553
07556
07561
07564
07547
07572
07575
 00201
 07546
07551
07554
07557
07562
07565
07570
 OPUT1
 OPUT 2
 07552
07555
07560
07563
07566
07571
07574
07577
07602
 COPG
NEXT
CCPLI
NONET
I XANCY
 LEVNO
CCPLS
CCMINI
KX
XOPLB
XOMIB
 LINK
 XOPLA
 KOFIA
 07576
 ENTRY POINTS
 NETASI
 SECTION
 SUBRCUTINES CALLED
 SECTION
SECTION
SECTION
SECTION
SECTION
 .FVIO.
 .F#00.
 SECTION
 APCINT
.FRWT.
.FRTN.
.FFIL.
 .FVEG.
.FWRD.
NETAS2
.FCNV.
.FWLY.
CC.1
CC.4
 SECTION
SECTION
SECTION
 4
7
16
13
16
19
22
 .FHRB.
 SECTION
SECTION
 8
11
14
17
20
 12
 .UND6.
.FBLT.
CC.2
SYSLOC
 SECTION
SECTION
SECTION
SECTION
 .FBDT.
 SECTION
```

4) 4.

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|      | METAL   |          |      | STORAGE R | 01/23/66<br>AP |      |        | PAGE 128 |
|------|---------|----------|------|-----------|----------------|------|--------|----------|
|      |         |          | EF   | N IFN COA | RESPONDENCE    |      |        |          |
| €FN  | 1FN     | LOCATION | EFN  | 1F4       | LOCATION       | EFN  | 15%    | LOCATION |
| 4321 | LIA     | 07764    | 4322 | 18A       | 07770          | 5    | 22A    | 07773    |
| 7010 | FORMAT  | 07631    | 7015 | FORMAT    | 07636          | 12   | 97A    | 10345    |
| 7030 | FORMA T | 07657    | 7014 | FORMAT    | 07664          | 500  | 270A   | 11416    |
| 7050 | FORMAT  | 07075    | 15   | 121A      | 10460          | 20   | 143A   | 10607    |
| 23   | 131A    | 10525    | 21   | 154#      | 10454          | 24   | 1564   | 10661    |
| 50   | LUGA    | 11076    | 706C | FORMAT    | 077C1          | 25   | 1 80A  | 11071    |
| 55   | ESLA    | 11055    | 7070 | FORMAT    | 07721          | 60   | 1944   | 11061    |
| 65   | 1774    | 11073    | 70   | 209A      | 11125          | 75   | 213A   | 11134    |
| 66   | 204A    | 11104    | IC.  | 2264      | 11173          | 76   | 21 BA  | 11145    |
| 85   | 228A    | 11200    | 90   | 24 1A     | 11234          | 95   | 243A   | 11241    |
| 84   | 233A    | 11211    | 100  | 2534      | 11273          | 12C  | 259A   | 11343    |
| 1150 | FORMAT  | 07724    | 1390 | 273A      | 11433          | 1140 | FORMAT | 07740    |

THE FIRST LOCATION NOT USED BY THIS PROGRAM IS 11463.

|        | HET!           | 12      |         |             | STORAGE           | HAP       | 01/28/66  | <b>S</b> |          | PAGE 129  |
|--------|----------------|---------|---------|-------------|-------------------|-----------|-----------|----------|----------|-----------|
|        |                |         |         | SUBROUT INE | NETASS<br>NSTONED |           | VARIABLES |          |          |           |
| SYMBO  |                | MOLVA   | TYPE    | SYMBOL      | LOCATI            | OW 1      | TYPE      | SYMBOL   | LOCAT104 | TYPE      |
| BLOCK  | •              | 0001    | •       | UNDIPE      | NS TONEC          | PROGRAM 1 | VARIABLES |          |          |           |
| SYMBO  | L L <b>9</b> ( | CATION  | TYPE    | SYPBOL      | LOCATI            | QN 1      | TYPE      | SYPBOL   | LOCATIO  | TYPE      |
| COMPN  | Ð <b>9</b> (   | 765     | 1       | 1           | 90766             | •         | I         | J        | 00767    | 1         |
| MEXT   | 0(             | 770     | t       | K           | 00771             | l         | 1         | <b>p</b> | 00772    | 1         |
| NOME X | T 0            | 0773    | 1       | Ħ           | OG 774            | •         | 1         | 17       | 00775    | 1         |
| EX     | 00             | 0776    | 1       | TXY         | 00171             | ,         | I .       | AN       | 61000    | 1         |
| JOLOC  | •1             | 1001    | 5       |             |                   |           |           |          |          |           |
|        |                |         |         |             | ENTRY             | POINTS    |           |          |          |           |
|        | NETAS2         | SECTION | 1 2     |             | SUBROU            | ITIMES CA | LLED      |          |          |           |
|        | .FRDS.         | SECTIO  | 1 3     | .FwR        | 8.                | SECTION   | 4         | .Fi      | SLO. SI  | ECTION 5  |
|        | .FRWT.         | SECTION |         | . FEF       | T.                | SECTION   | 7         | . Fi     | PRN. SI  | ECTION 8  |
|        | .FURD.         | SEC TEO |         | .EXI        |                   | SECTION   | 10        | . ເອ     | 101. SI  | ECTION 11 |
|        | .FRLR.         | SECTIO  |         | .FBL        |                   | SECTION   | 13        | .f(      | 50T. SI  | ECTION 14 |
|        | .UN09.         | SECTIO  | 1 15    | -FWL        | R.                | SECTION   | 16        | , FI     | :1L. SI  | ECTION 17 |
|        | .UN06.         | SECTIO  | 18      | . FCN       | ٧.                | SECTION   | 19        | SY:      | SLOC S   | ECTION 20 |
|        |                |         |         | EFN         | IFN               | CORRESPO  | NDENCE    |          |          |           |
| EFN    | 151            | N (     | MOLTADO | EFN         | 1 FN              | 505       | CATION    | EFN      | I FN     | LOCATION  |
| 2      | 2              |         | 01040   | 1           | 29A               | 0         | 1140      | 555      | 7A       | 01053     |
| ā      |                | 1A      | 01054   | 8000        | FORMAT            | 0         | 1022      | 7        | 37A      | 01160     |
| •      |                | 5A      | 31270   | 11          | 52A               | 0         | 1210      | 33       | 63A      | 01244     |
| 14     | 80             | 6A      | 01316   | 12          | 69A               | G         | 1255      | 10       | 80A      | 01307     |
| 20     | t:             | 36A     | 01530   | 3           | 1044              | 0         | 1376      | 444      | 1178     | 01441     |
| 30     |                | 07A     | 01404   | 6           | 1144              | 0         | 1431      | 1111     | FORPAT   | 01027     |
| 8687   | t.             | 20A     | 01447   | 4           | 125A              | 0         | 1465      | 44       | 129A     | 01502     |

THE FIRST LOCATION NOT USED BY THIS PROGRAM IS C1607.

NETSIN 7094 RELHOD ASSEMBLY. 04/14/66

> NETS I MOO 14 APR 66 SIBLOR NETSIN

> NETS! MO1 SFILE NETSIM 'FILEZ '.A(4), READY, INPUT, BLK=256, BIN

04/14/66

NETSIM FILE DICTIONARY.

NETSIMO2 SFDECT NEISIM

BINARY CARD ID. NETSIMO3 204002000400 FILE2 FILE 'FILE2 000000000000 263143250260 60606060600 606060606060 BIN, INPUT, NOHCYN, FLK=256

PAGE .

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## STEXT METSIN

NETS I MO4

|                                                                               |                                                                      | ENTRY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           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|-------------------------------------------------------------------------------|----------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|------------------------------------------------------------------------------------------------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|                                                                               | GAJOE                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                             | LMK40001                                                                                            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|                                                                               |                                                                      | TNY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                             | LMK40002                                                                                                                                                                                                                                                                                                                                                                                                               |
|                                                                               |                                                                      | STO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | DGVALU                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | SAVE DG                     | LMK40003                                                                                                                                                                                                                                                                                                                                                                                                               |
|                                                                               |                                                                      | CAL.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                             |                                                                                                                                                                                                                                                                                                                                                                                                                        |
|                                                                               |                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | V1.11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     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|                                                                               | <b>GMP Y A</b>                                                       | STL<br>ADD<br>TOV<br>ENDM<br>NACRO<br>TOV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       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|                                                                               | ОМРУА                                                                | ENOM NACRO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      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|                                                                               | QMPYA                                                                | ENDM<br>MACRO<br>TOY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            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|                                                                               | GMPYA                                                                | ENDM<br>MACRO<br>TOV<br>STL<br>MPY<br>LLS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       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|                                                                               | QMPYA                                                                | ENDM<br>MACRO<br>TOV<br>STL<br>MPY<br>LLS<br>RND                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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|                                                                               | ОМРУА                                                                | ENDM<br>MACRO<br>TOV<br>STL<br>MPY<br>LLS<br>RND<br>TOV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         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|                                                                               | QMPYA<br>QADDB                                                       | ENDM<br>MACRO<br>TOY<br>STL<br>MPY<br>LLS<br>RND<br>TOY<br>ENDM<br>MACRO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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|                                                                               | QADDB                                                                | 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| QACDA V1,T1 OFLOW  QACDA V1,T1 +1 OFLOC V1,T1 2  OFLOW QMPYA V1,T1 +1 OFLOC V1,T1 +1 OFLOC V1,T1 +1 +1 OFLOC V1,T1 +1 +1 OFLOC V1,T1 +1 +1 OFLOW QADDB V1,T1 +1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 04/14/66                    | LMK40042 LMK40045  PAGE 4  LMK40045  LMK40047 LMK40047 LMK40048 LMK40050 LMK40051 LMK40053 LMK40053 LMK40054 LMK40054 LMK40057 LMK40057 LMK40057 LMK40059 LMK40059 LMK40059 LMK40059 LMK40059 LMK40060 LMK40060                                                                                                                                                                                                        |
|                                                                               | QADDB                                                                | ENOM<br>MACRO<br>TOY<br>STL<br>LLS<br>RND<br>TOY<br>ENOM<br>MACRO<br>TOY<br>STL<br>ADD<br>TOY<br>ENOM<br>MACRO<br>TOY<br>ARS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    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|                                                                               | QADDB                                                                | ENDM<br>MACRO<br>TOV<br>STL<br>HACRO<br>TOV<br>ENDM<br>MACRO<br>TOV<br>ENDM<br>MACRO<br>TOV<br>ENDM<br>MACRO<br>TOV<br>ENDM<br>MACRO<br>TOV<br>ENDM<br>MACRO<br>TOV<br>ENDM<br>MACRO<br>TOV<br>STL<br>ADD<br>ARS<br>STL<br>ADD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  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LMK40053 LMK40055 LMK40055 LMK40055 LMK40057 LMK40057 LMK40059 LMK40059 LMK4006061 LMK40062 LMK40064                                                                                                                                                                                                                      |
|                                                                               | QADDB                                                                | ENOM<br>MACRO<br>TOY<br>STL<br>LLS<br>RND<br>TOY<br>ENOM<br>MACRO<br>TOY<br>STL<br>ADD<br>TOY<br>ENOM<br>MACRO<br>TOY<br>ARS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    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|                                                                               | QADDB<br>QATWO                                                       | ENDM<br>MACRO<br>TOV<br>STL<br>HACRO<br>TOV<br>ENDM<br>MACRO<br>TOV<br>ENDM<br>MACRO<br>TOV<br>ENDM<br>MACRO<br>TOV<br>ENDM<br>MACRO<br>TOV<br>ENDM<br>MACRO<br>TOV<br>ENDM<br>MACRO<br>TOV<br>STL<br>ADD<br>ARS<br>STL<br>ADD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  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|                                                                               | QADDB                                                                | ENDM<br>MACRO<br>TOY<br>STL<br>MPY<br>LLS<br>RND<br>TOY<br>ENDM<br>MACRO<br>TOY<br>STL<br>ADD<br>TOY<br>ENDM<br>HACRO<br>TOY<br>ENDM<br>HACRO<br>TOY<br>ENDM<br>HACRO<br>TOY<br>ENDM<br>HACRO<br>TOY<br>ENDM<br>HACRO<br>TOY<br>STL<br>ADD<br>TOY<br>STL<br>ADD<br>ENDM<br>HACRO<br>TOY<br>STL<br>ADD<br>ENDM<br>HACRO<br>TOY<br>STL<br>ADD<br>ENDM<br>HACRO<br>TOY<br>STL<br>ADD<br>ENDM<br>HACRO<br>TOY<br>STL<br>ADD<br>ENDM<br>HACRO<br>TOY<br>STL<br>ADD<br>ENDM<br>HACRO<br>TOY<br>STL<br>ADD<br>ENDM<br>HACRO<br>TOY<br>STL<br>ADD<br>ENDM<br>HACRO<br>ENDM<br>HACRO<br>TOY<br>ENDM<br>HACRO<br>TOY<br>ENDM<br>HACRO<br>TOY<br>ENDM<br>HACRO<br>ENDM<br>HACRO<br>TOY<br>ENDM<br>HACRO<br>ENDM<br>HACRO<br>ENDM<br>HACRO<br>TOY<br>ENDM<br>HACRO<br>TOY<br>ENDM<br>HACRO<br>TOY<br>ENDM<br>HACRO<br>TOY<br>ENDM<br>HACRO<br>TOY<br>ENDM<br>HACRO<br>TOY<br>ENDM<br>HACRO<br>TOY<br>ENDM<br>HACRO<br>TOY<br>ENDM<br>HACRO<br>TOY<br>ENDM<br>HACRO<br>TOY<br>ENDM<br>HACRO<br>TOY<br>ENDM<br>HACRO<br>TOY<br>ENDM<br>HACRO<br>TOY<br>ENDM<br>HACRO<br>TOY<br>ENDM<br>HACRO<br>TOY<br>ENDM<br>HACRO<br>TOY<br>ENDM<br>HACRO<br>TOY<br>ENDM<br>HACRO<br>TOY<br>ENDM<br>HACRO<br>TOY<br>ENDM<br>HACRO<br>TOY<br>ENDM<br>HACRO<br>TOY<br>ENDM<br>HACRO<br>TOY<br>ENDM<br>HACRO<br>TOY<br>ENDM<br>HACRO<br>TOY<br>ENDM<br>HACRO<br>TOY<br>ENDM<br>HACRO<br>TOY<br>ENDM<br>HACRO<br>ENDM<br>HACRO<br>ENDM<br>HACRO<br>ENDM<br>HACRO<br>ENDM<br>HACRO<br>ENDM<br>HACRO<br>ENDM<br>HACRO<br>ENDM<br>HACRO<br>ENDM<br>HACRO<br>ENDM<br>HACRO<br>ENDM<br>HACRO<br>ENDM<br>HACRO<br>ENDM<br>HACRO<br>ENDM<br>HACRO<br>ENDM<br>HACRO<br>ENDM<br>HACRO<br>ENDM<br>HACRO<br>ENDM<br>HACRO<br>ENDM<br>HACRO<br>ENDM<br>HACRO<br>ENDM<br>HACRO<br>ENDM<br>HACRO<br>ENDM<br>HACRO<br>ENDM<br>HACRO<br>ENDM<br>HACRO<br>ENDM<br>HACRO<br>ENDM<br>HACRO<br>ENDM<br>HACRO<br>ENDM<br>HACRO<br>ENDM<br>HACRO<br>ENDM<br>HACRO<br>ENDM<br>HACRO<br>ENDM<br>HACRO<br>ENDM<br>HACRO<br>ENDM<br>HACRO<br>ENDM<br>HACRO<br>ENDM<br>ENDM<br>HACRO<br>ENDM<br>ENDM<br>ENDM<br>ENDM<br>ENDM<br>ENDM<br>ENDM<br>ENDM 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|                                                                               | QADDB<br>QATWO                                                       | ENDM<br>MACRO<br>TOY<br>STL<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>ENDM<br>MACRO<br>ENDM<br>MACRO<br>ENDM<br>MACRO<br>ENDM<br>MACRO<br>ENDM<br>MACRO<br>ENDM<br>MACRO<br>ENDM<br>MACRO<br>ENDM<br>ENDM<br>ENDM<br>ENDM<br>ENDM<br>ENDM<br>ENDM<br>ENDM                                                                                                                                                                                                                                                                                                                                                                                                                                                     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|                                                                               | QADDB<br>QATWO                                                       | ENDM<br>MACRO<br>TOY<br>STL<br>MPY<br>LLS<br>RND<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 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|                                                                               | QADDB<br>QATWO                                                       | 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|                                                                               | QADDB<br>QATWO                                                       | 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|                                                                               | QADDB<br>QATWO                                                       | 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|                                                                               | QADDB<br>QATWO                                                       | 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|                                                                               | QATHO<br>QATHO<br>QSONE                                              | 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| ASSEMBLED TEXT.                                                               | QADDB<br>QATWO                                                       | ENDM<br>MACRO<br>TOY<br>STL<br>MPY<br>LLS<br>STL<br>MPY<br>ENDM<br>MACRO<br>TOY<br>STL<br>ADD<br>TOY<br>ARS<br>STL<br>ADD<br>TOY<br>ARS<br>STL<br>STL<br>ADD<br>TOY<br>ARS<br>STL<br>STL<br>ADD<br>TOY<br>STL<br>ADD<br>TOY<br>STL<br>ADD<br>TOY<br>STL<br>ADD<br>TOY<br>STL<br>ADD<br>TOY<br>STL<br>ADD<br>TOY<br>STL<br>ADD<br>TOY<br>STL<br>ADD<br>TOY<br>STL<br>ADD<br>TOY<br>STL<br>ADD<br>TOY<br>STL<br>ADD<br>TOY<br>STL<br>ADD<br>TOY<br>STL<br>ADD<br>TOY<br>STL<br>ADD<br>TOY<br>STL<br>ADD<br>TOY<br>STL<br>ADD<br>TOY<br>STL<br>ADD<br>TOY<br>STL<br>ADD<br>TOY<br>STL<br>ADD<br>TOY<br>STL<br>ADD<br>TOY<br>STL<br>ADD<br>TOY<br>STL<br>ADD<br>TOY<br>STL<br>ADD<br>TOY<br>STL<br>ADD<br>TOY<br>STL<br>ADD<br>TOY<br>STL<br>ADD<br>TOY<br>STL<br>ADD<br>TOY<br>STL<br>ADD<br>TOY<br>STL<br>ADD<br>TOY<br>STL<br>ADD<br>TOY<br>STL<br>ADD<br>TOY<br>STL<br>ADD<br>TOY<br>STL<br>ADD<br>TOY<br>STL<br>ADD<br>TOY<br>STL<br>ADD<br>TOY<br>STL<br>ADD<br>TOY<br>STL<br>ADD<br>TOY<br>STL<br>ADD<br>TOY<br>STL<br>ADD<br>TOY<br>STL<br>ADD<br>TOY<br>STL<br>ADD<br>TOY<br>STL<br>ADD<br>TOY<br>STL<br>ADD<br>TOY<br>STL<br>ADD<br>TOY<br>STL<br>ADD<br>TOY<br>STL<br>ADD<br>TOY<br>STL<br>ADD<br>TOY<br>STL<br>ADD<br>TOY<br>STL<br>ADD<br>TOY<br>STL<br>ADD<br>TOY<br>STL<br>ADD<br>TOY<br>STL<br>ADD<br>TOY<br>STL<br>ADD<br>TOY<br>STL<br>ADD<br>TOY<br>STL<br>ADD<br>TOY<br>STL<br>ADD<br>TOY<br>STL<br>STL<br>STL<br>STL<br>STL<br>STL<br>STL<br>STL<br>STL<br>STL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | QACDA VI,TI OFLOM  QACDA VI,TI OFLOC VI,TI 2  OFLOW QMPYA VI,TI OFLOC VI,TI 5 OFLOC VI,TI SETSW QATMG VI,TI +1 I OFLOC VI,TI OFLOC VI,TI SETSW QATMG VI,TI +1 OFLOC VI,TI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                             | LMK40045  LMK40046  LMK40045  PAGE 4  LMK40046  LMK40047  LMK40049  LMK40050  LMK40051  LMK40051  LMK40055  LMK40055  LMK40057  LMK40057  LMK40059  LMK40050  LMK40060  LMK40067  LMK40067  LMK40067  LMK40070  LMK40070  LMK40072 |
| ASSEMBLED TEXT.                                                               | QATHO<br>QATHO<br>QSONE                                              | ENDM<br>MACRO<br>TOY<br>STL<br>ADD<br>STL<br>ADD<br>HACRO<br>TOV<br>ENDM<br>HACRO<br>TOV<br>ENDM<br>HACRO<br>TOV<br>ENDM<br>HACRO<br>TOV<br>ENDM<br>HACRO<br>TOV<br>ENDM<br>HACRO<br>TOV<br>ENDM<br>HACRO<br>TOV<br>ENDM<br>HACRO<br>TOV<br>ENDM<br>HACRO<br>TOV<br>ENDM<br>HACRO<br>TOV<br>ENDM<br>HACRO<br>TOV<br>ENDM<br>HACRO<br>TOV<br>ENDM<br>HACRO<br>TOV<br>ENDM<br>HACRO<br>TOV<br>ENDM<br>HACRO<br>TOV<br>ENDM<br>HACRO<br>TOV<br>ENDM<br>HACRO<br>TOV<br>ENDM<br>HACRO<br>TOV<br>ENDM<br>HACRO<br>TOV<br>ENDM<br>HACRO<br>TOV<br>ENDM<br>HACRO<br>TOV<br>ENDM<br>HACRO<br>TOV<br>ENDM<br>HACRO<br>TOV<br>ENDM<br>HACRO<br>TOV<br>ENDM<br>HACRO<br>TOV<br>ENDM<br>HACRO<br>TOV<br>ENDM<br>HACRO<br>TOV<br>ENDM<br>HACRO<br>TOV<br>ENDM<br>HACRO<br>TOV<br>ENDM<br>HACRO<br>TOV<br>ENDM<br>HACRO<br>TOV<br>ENDM<br>HACRO<br>TOV<br>ENDM<br>HACRO<br>TOV<br>ENDM<br>HACRO<br>TOV<br>ENDM<br>HACRO<br>TOV<br>ENDM<br>HACRO<br>TOV<br>ENDM<br>HACRO<br>TOV<br>ENDM<br>HACRO<br>TOV<br>ENDM<br>HACRO<br>TOV<br>ENDM<br>HACRO<br>TOV<br>ENDM<br>HACRO<br>TOV<br>ENDM<br>HACRO<br>TOV<br>ENDM<br>HACRO<br>TOV<br>ENDM<br>HACRO<br>TOV<br>ENDM<br>HACRO<br>TOV<br>ENDM<br>HACRO<br>TOV<br>ENDM<br>HACRO<br>TOV<br>ENDM<br>HACRO<br>TOV<br>ENDM<br>HACRO<br>TOV<br>ENDM<br>HACRO<br>TOV<br>ENDM<br>HACRO<br>TOV<br>ENDM<br>HACRO<br>TOV<br>ENDM<br>HACRO<br>TOV<br>ENDM<br>HACRO<br>TOV<br>ENDM<br>HACRO<br>TOV<br>ENDM<br>HACRO<br>TOV<br>ENDM<br>HACRO<br>TOV<br>ENDM<br>HACRO<br>TOV<br>ENDM<br>HACRO<br>TOV<br>ENDM<br>HACRO<br>TOV<br>ENDM<br>HACRO<br>TOV<br>ENDM<br>HACRO<br>TOV<br>ENDM<br>HACRO<br>TOV<br>ENDM<br>HACRO<br>TOV<br>ENDM<br>HACRO<br>TOV<br>ENDM<br>HACRO<br>ENDM<br>HACRO<br>ENDM<br>HACRO<br>ENDM<br>HACRO<br>TOV<br>ENDM<br>HACRO<br>ENDM<br>HACRO<br>ENDM<br>HACRO<br>ENDM<br>HACRO<br>ENDM<br>HACRO<br>ENDM<br>HACRO<br>ENDM<br>HACRO<br>ENDM<br>HACRO<br>ENDM<br>HACRO<br>ENDM<br>HACRO<br>ENDM<br>HACRO<br>ENDM<br>HACRO<br>ENDM<br>HACRO<br>ENDM<br>HACRO<br>ENDM<br>HACRO<br>ENDM<br>HACRO<br>ENDM<br>HACRO<br>ENDM<br>HACRO<br>ENDM<br>HACRO<br>ENDM<br>HACRO<br>ENDM<br>HACRO<br>ENDM<br>HACRO<br>ENDM<br>HACRO<br>ENDM<br>HACRO<br>ENDM<br>HACRO<br>ENDM<br>HACRO<br>ENDM<br>HACRO<br>ENDM<br>HACRO<br>ENDM<br>HACRO<br>ENDM<br>HACRO<br>ENDM<br>HACRO<br>ENDM<br>HACRO<br>ENDM<br>HACRO<br>ENDM<br>HACRO<br>ENDM<br>HACRO<br>ENDM<br>HACRO<br>ENDM<br>HACRO<br>ENDM<br>HACRO<br>ENDM<br>HACRO<br>ENDM<br>HACRO<br>ENDM<br>HACRO<br>ENDM<br>HACRO<br>ENDM<br>HACRO<br>ENDM<br>HACRO<br>ENDM<br>HACRO<br>ENDM<br>HACRO<br>ENDM<br>HACRO<br>ENDM<br>ENDM<br>HACRO<br>ENDM<br>ENDM<br>ENDM<br>ENDM<br>ENDM<br>ENDM<br>ENDM<br>ENDM                                                                                                            | QAPDA VI,TI OFLOM  VI,TI OFLOC VI,TI 2  OFLOM QMPYA VI,TI +1 OFLOC VI,TI +1 SETSW QATHG VI,TI OFLOC VI,TI OFLOC VI,TI OFLOC QSONE +A(4),KEADY,IN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            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| 00310<br>04020                                                                | QADDB<br>QATWO<br>QSONE<br>FILE2                                     | ENDM<br>MACRO<br>TOY<br>STL<br>MPY<br>LLS<br>RND<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ARS<br>STL<br>ADD<br>TOY<br>ARS<br>STL<br>ADD<br>TOY<br>ARS<br>STL<br>ADD<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ARS<br>STL<br>ADD<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>ENDM<br>ENDM<br>ENDM<br>ENDM<br>ENDM<br>ENDM<br>ENDM 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| ASSEMBLED TEXT.                                                               | QATHO QSONE FILE2 OS 1 ZE OS 1 ZE                                    | ENDM<br>MACRO<br>TOY<br>STU<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>ENDM<br>ENDM<br>ENDM<br>ENDM<br>ENDM<br>ENDM<br>ENDM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | QACDA V1,T1 OFLOM  V1,T1 0FLOC V1,T1 2 OFLOW QMPYA V1,T1 0FLOC V1,T1 OFLOC V1,T1 5 OFLOC V1,T1 SETSW QATMG V1,T1 ++1 I OFLOC V1,T1 -+1 I O |                             | LMK40045 LMK40045 LMK40045 LMK40045 LMK40047 LMK40048 LMK40049 LMK40050 LMK40051 LMK40051 LMK40055 LMK40055 LMK40055 LMK40055 LMK40055 LMK40056 LMK40066 LMK40066 LMK40066 LMK40066 LMK40066 LMK40067 LMK40067 LMK40067 LMK40067 LMK40071 LMK40072 LMK40073 LMK40073 LMK40073 LMK40073 LMK40067                                                                                                                        |
| 00310<br>04020<br>04237                                                       | QADDB  QATWO  QSONE  FILE2 OSIZE Y                                   | ENOM MACRO TOY ENDM MACRO TOY STL ADD TOY STL ADD TOY ARD TOY ADD TOY ENDM MACRO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | QAPDA V1,T1 OFLOW  V1,T1 ++1 OFLOC V1,T1 2  OFLOW QMPYA V1,T1 ++1 OFLOC V1,T1 ++1  I OFLOC V1,T1  GFLOC V1,T1  GFLOC V1,T1  GFLOC V1,T1  GFLOC V1,T1  GFLOC QSONE A(4),KEADY,IN 290 M MOCOS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                             | LMK40045 LMK40045 LMK40045 LMK40045 LMK40047 LMK40048 LMK40049 LMK40050 LMK40051 LMK40051 LMK40055 LMK40055 LMK40055 LMK40055 LMK40055 LMK40056 LMK40066 LMK40066 LMK40066 LMK40066 LMK40066 LMK40067 LMK40067 LMK40067 LMK40067 LMK40071 LMK40072 LMK40073 LMK40073 LMK40073 LMK40073 LMK40067                                                                                                                        |
| 00310<br>04020<br>04237<br>00624                                              | QADOB  QATMO  QSONE  FILE2 OSIZE Y C M4N                             | ENDM<br>MACRO<br>TOY<br>STL<br>MPY<br>LLS<br>STL<br>MACRO<br>TOY<br>STL<br>ADD<br>TOY<br>ARS<br>STL<br>ADD<br>TOY<br>ARS<br>STL<br>ADD<br>TOY<br>ARS<br>STL<br>ADD<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ARS<br>STL<br>ADD<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>ENDM<br>ENDM<br>ENDM<br>ENDM<br>ENDM<br>ENDM<br>ENDM 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| 00310<br>04020<br>04237<br>00623                                              | QADDB  QATHO  QSONE  FILE2  OSIZE  C  MAN  MAH                       | 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| 00310<br>04020<br>04020<br>04237<br>00624<br>00623                            | QADDB  QATWO  QSONE  FILE2 OSIZE Y C M4N M4M PCENT                   | ENOM MACRO TOY ENDM MACRO TOY STL ADD TOY STL ADD TOY STL ADD TOY ENDM MACRO TOY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | QAPDA V1,T1 OFLOW  V1,T1 ++1 OFLOC V1,T1 2  OFLOW QMPYA V1,T1 ++1 OFLOC V1,T1 ++1  I OFLOC V1,T1  SETSW QATMG V1,T1  OFLOC QSONE +A(4),KEADY,IN 290 M MOCOS 84 A4 C4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                             | LMK40045 LMK40045 LMK40045 LMK40045 LMK40047 LMK40048 LMK40049 LMK40050 LMK40051 LMK40051 LMK40055 LMK40055 LMK40055 LMK40055 LMK40055 LMK40056 LMK40066 LMK40066 LMK40066 LMK40066 LMK40066 LMK40067 LMK40067 LMK40067 LMK40067 LMK40071 LMK40072 LMK40073 LMK40073 LMK40073 LMK40073 LMK40067                                                                                                                        |
| 00310<br>004020<br>00623<br>00623<br>00625<br>00612                           | QADOB  QATHO  QSONE  FILE2 OSIZE Y C M4N M4H PCENT M1TRY             | ENDM<br>MACRO<br>TOY<br>STL<br>ADD<br>TOY<br>STL<br>ADD<br>TOY<br>STL<br>ADD<br>TOY<br>ARS<br>STL<br>ADD<br>TOY<br>ARS<br>STL<br>ADD<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ARS<br>STL<br>ADD<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>ENDM<br>ENDM<br>ENDM<br>ENDM<br>ENDM<br>ENDM<br>ENDM                                                                                                  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| 00310<br>04020<br>0420<br>04237<br>00624<br>00623<br>00625<br>00612           | QADDB  QATHO  QSONE  FILE2 OSIZE C MAN MAH PCENT M1TRY               | ENOM MACRO TOY ENDM MACRO TOY STL ADD TOY STL ADD TOY STL ADD TOY ENDM MACRO TOY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | QAPDA V1,T1 OFLOW  V1,T1 ++1 OFLOC V1,T1 2  OFLOW QMPYA V1,T1 ++1 OFLOC V1,T1 ++1  I OFLOC V1,T1  SETSW QATMG V1,T1  OFLOC QSONE +A(4),KEADY,IN 290 M MOCOS 84 A4 C4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                             | LMK40042 LMK40045  LMK40045  LMK40045  LMK40046 LMK40047 LMK40049 LMK40050 LMK40051 LMK40051 LMK40055 LMK40055 LMK40055 LMK40055 LMK40055 LMK40056 LMK40056 LMK40066 LMK40066 LMK40066 LMK40066 LMK40066 LMK40067 LMK40067 LMK40067 LMK40067 LMK40071 LMK40072 LMK40073 LMK40073 LMK40073 LMK40073 LMK40073 LMK40073 LMK40073 LMK40073                                                                                 |
| 00310<br>04020<br>04020<br>04237<br>00624<br>00623<br>00625<br>00612<br>00624 | QADOB  QATHO  QSONE  FILE2 OSIZE Y C M4N M4H PCENT M1TRY             | ENDM<br>MACRO<br>TOY<br>STL<br>ADD<br>TOY<br>STL<br>ADD<br>TOY<br>STL<br>ADD<br>TOY<br>ARS<br>STL<br>ADD<br>TOY<br>ARS<br>STL<br>ADD<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ARS<br>STL<br>ADD<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>ENDM<br>ENDM<br>ENDM<br>ENDM<br>ENDM<br>ENDM<br>ENDM                                                                                                  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| 00310<br>04020<br>0420<br>04237<br>00624<br>00623<br>00625<br>00612           | QADDB  QATWO  QSONE  FILE2 OSIZE Y C MAN MAM PCENT MITRY M4(N) M4(N) | ENOM MACRO TOY SATURED TOY SAT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | QAPDA V1,T1 OFLOW  V1,T1 ++1 OFLOC V1,T1 2  OFLOW QMPYA V1,T1 ++1 OFLOC V1,T1 ++1  OFLOC V1,T1 ++1  I OFLOC V1,T1  CETSW QATMG V1,T1  OFLOC V1,T1  FETSW QATMG V1,T1  |                             | LMK40045 LMK40045 LMK40045 LMK40045 LMK40047 LMK40048 LMK40049 LMK40050 LMK40051 LMK40051 LMK40055 LMK40055 LMK40055 LMK40055 LMK40055 LMK40056 LMK40066 LMK40066 LMK40066 LMK40066 LMK40066 LMK40067 LMK40067 LMK40067 LMK40067 LMK40071 LMK40072 LMK40073 LMK40073 LMK40073 LMK40073 LMK40067                                                                                                                        |
| 00310<br>04020<br>04020<br>04237<br>00624<br>00623<br>00625<br>00612<br>00624 | QADDB  QATHO  QSONE  FILE2 OSIZE C MAN MAH PCENT M1TRY               | ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ARS<br>STL<br>SUB<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>MACRO<br>TOY<br>ENDM<br>ENDM<br>ENDM<br>ENDM<br>ENDM<br>ENDM<br>ENDM<br>ENDM                         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BIMARY CARD 10. 4ETS1805

88809 1 00000 0 20807

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88802 0041 00 0 00004

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 10001 N.TSTR SAYE
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 PAGE 5
 04/14/66
 METS IN ASSEMBLED TEXT.
 00015 0740 00 0 00016

00016 0500 60 4 00003

1117 0601 00 0 04224

10020 0402 00 0 04271

00021 0601 00 0 03153

00022 0500 60 4 00004
 LATH
CLA-
STO
SUB
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CLA-
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NULEVS
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LVCHTR
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 BINARY CARD 1D. 4ETS:MO6

80023 0401 00 0 00400

90024 9500 40 4 00005

80025 0401 00 0 00401

80024 9500 40 4 00004

80027 9401 00 0 00462

90030 9500 40 4 00007

90031 9401 00 0 03441

80032 6500 40 4 00010

80033 9401 00 0 00575
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10001
10001
10001
 STO
CLA-
STO
CLA-
STO
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NUMIN
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NAMES
 CLA+
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CLA+
STO
 7,4
KEYS
 10001
10000
10001
 READCC(ENDICT, A1, A2, B2, C2, D2, A3, B3, A4, B4, C4, FFSPC, FFSMT, Y, GMPC, MGPR, C, COMBIN)
 LALL
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0074 00 4 1.400

1 00022 0 00424

0 04303 0 00160

0 00000 0 04235

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 00657
00060
00041
 10001
 TPCK(READOP, NUMIN, MAMES)
 CALL
 00061
00062
00063
00064
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 10011
10100
10001
 00045
 0 00000 0 00601
0 00000 0 00602
 10001
 BINARY CARD ID. NETSIMO8

00067 0074 09 4 14000

00070 0 00000 0 04001

00071 0074 (0 4 14400

00072 0 002)3 0 04001

00073 0 00462 0 00474
 LNK40080
 10011
 TSX
 .OPEN.4
 FILE2
.READ.4
FILE2,,ED82
EOT,,IREAD
 PZE
TSX
PZE
 10010
 SKIPS CONTROL RECORD
 10110
 LNK40229
 4ETSIM
ASSEMBLED TEXT.
 04/14/66
 PAGE 6
 00074 3 00000 2 00000 10000

00075 6441 00 0 04235 10004

00076 0500 00 0 03005 10001

00077 0100 00 000402 10011

00100 00000000000 00010

00101 1 00002 0 00404 10011

00102 0 04303 0 00174 10106

00103 0 00000 0 03006 10001

00104 0 00000 0 03006 10001

00105 000000000000 00000 00105

00105 0076 00 4 05500 10011
 IORTH
 LOI
CLA
TZE
CALL
 INDICT
 LNK40082
 COMBIN COMBIN
 10001
10001
00010
10011
 CALL
 RONET(SKIP, NETTAP, NETHAX)
 LNX40083
 00105 0074 00 4 C5400
00106 1 00003 0 00405
00107 0 04303 0 00175
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00111 0 00000 0 04225
__ 00112 0 00000 0 04234
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 00113 00000000 3000

00113 0074 00 4 02400

00114 1 20017 0 00421

00115 0 64303 0 00176

.00116 0 00000 0 30051

00120 0 00000 0 30051

00120 0 00000 0 30055

00121 0 00000 0 30055

00123 0 00000 0 30055

00124 0 00000 0 30056

00125 0 00000 0 30066

00126 0 00000 0 30066

00127 0 00000 0 30064

00127 0 00000 0 30064

00130 0 00000 0 30064

00131 0 00000 0 30064
 CALL NETCHGIDT.EPSLN.XSTEP.GSAT.XS.MI.FPLS.FRENS.FPLI.FRINI.
ETC ESUM.NEXT.MULEYS.ISM.SMEXT)
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00132 0 00000 0 00224
00133 0 00000 0 00275
00134 0 00000 0 00375
00135 0500 00 0 30033
00135 0500 00 0 30047
00139 0771 00 0 00022
00137 0601 00 0 03721
00140 0534 00 2 30047
00141 0600 00 0 00047
00143 0500 00 0 00601
00145 0436 00 2 30047
00143 0500 00 0 00601
00145 0020 00 0 00452
00147 0020 00 0 00452
00148 0020 00 0 00452
00150 0760 00 0 00452
00151 0500 00 0 03661
00152 4320 00 9 00205
 10001
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STO
LXA
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 SEIP
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DPSMUM
SKIP,2
SKIP
 ON-SKIP TAPE REMOVE OPSIUM FROM DECREMENT OF SKIP.
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 RECSEP
 KEYS
 TEST FOR RESTART
 ANA
TZE
 FOUR
FCMG
 LMK40064
LMK40067
 DO NOT SKIP
 METSIM
ASSEMBLED TEXT.
 04/14/66
 PAGE 7
 90154 7 90900 2 90142 19901
 FCH9,2.0
 SKIP ZERO RECORDS
 CARD ID. METSIMII

00155 0074 00 4 14400

00156 0 00203 0 04001

00157 0 00462 0 00476

00161 2 00001 2 40404

00162 0500 00 0 0233

00163 0100 00 0 00200

00164 0534 00 2 04237

00165 0774 00 1 00004

00166 0776 00 1 00004

00167 0601 00 1 30063

00170 2 00001 1 00166

00171 0500 00 0 00206

00174 0500 00 0 00166

00174 0500 00 0 00166

00175 0400 00 0 00167

00177 2 00001 2 00167

00177 2 00001 2 00165
 BINARY CARD ID. NETSINII
 .READ.4
FILE2..EOB2
EOT..IREAD
,
**-4.2.1
FFSM7
FFL4
NOCOS,2
4.1
 10014
 73×
 SKIP A RECORD
ON THE IMPUT
TAPE
 PZE
 LMK40090
 10101
10000
10011
 LMK40091
LMK40092
 IORIN
 TIX
CLA
TZE
LXA
AXT
CLA
STO
 LNK40093
 10001
10001
10001
10000
10001
 FCHG
 LMK46096
LMK46097
 MOCOS, 2
4,1
FFSPC+4,1
LEVEL+7,1
FFL2,1,1
FFL2
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|         | 00274<br>00275<br>00276<br>00277<br>00300                                                                                                                                                                                                                                                                                                                                                       | 0074 00 6<br>0020 00 6<br>0500 00 6<br>0401 00 6<br>0534 00 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              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|         | 00274<br>00275<br>00276<br>00277<br>00300<br>00301                                                                                                                                                                                                                                                                                                                                              | 0074 00 6<br>0020 00 6<br>0500 00 6<br>0401 00 6<br>0534 00 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              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|         | 00274<br>00275<br>00276<br>00277<br>00300<br>00301<br>00302                                                                                                                                                                                                                                                                                                                                     | 0074 00 6<br>0020 00 6<br>0500 00 6<br>0401 00 6<br>0534 00 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              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|         | 00274<br>00275<br>00276<br>00277<br>00300<br>00301<br>00302<br>00303<br>00304                                                                                                                                                                                                                                                                                                                   | 0074 00 6<br>0020 00 6<br>0500 00 6<br>0401 00 6<br>0534 00 1<br>0624 00 6<br>0534 00 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    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|         | 00274<br>00275<br>00276<br>00277<br>00300<br>00301<br>00302<br>00303<br>00304                                                                                                                                                                                                                                                                                                                   | 0074 00 6<br>0020 00 6<br>0500 00 6<br>0401 00 6<br>0534 00 1<br>0520 00 6<br>0534 00 1<br>0620 00 6<br>0534 00 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          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|         | 00274<br>00275<br>00276<br>00277<br>00300<br>00301<br>00302<br>00303<br>00304<br>00305                                                                                                                                                                                                                                                                                                          | 9074 00 6<br>9020 00 6<br>9500 00 6<br>9501 00 6<br>9534 00 1<br>9520 00 6<br>9534 00 1<br>9534 00 6<br>9534 00 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          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|         | 00274<br>00275<br>00276<br>00277<br>00300<br>00301<br>00302<br>00303<br>00304<br>00305<br>00307<br>00310                                                                                                                                                                                                                                                                                        | 0074 00 0<br>0020 00 0<br>0500 00 0<br>0501 00 0<br>0534 00 1<br>0020 00 0<br>0534 00 0<br>0534 00 0<br>0534 00 0<br>0534 00 0<br>0634 00 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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|         | 00274<br>00275<br>00276<br>00277<br>00300<br>00301<br>00302<br>00303<br>00304<br>00305<br>00307<br>00310                                                                                                                                                                                                                                                                                        | 9074 90 6<br>9020 90 6<br>9590 90 6<br>9491 90 6<br>9534 90 1<br>9534 90 6<br>9534 90 6<br>9534 90 6<br>9534 90 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | MESS.4<br>H78<br>82<br>8(2)<br>A2:1<br>A(2),1<br>H58<br>D2:1<br>M5A<br>MIMPS.4<br>H3A:4,1<br>HIMPS.4                                                                                                                                                                                                                                                                                                                     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| RIMADY  | 00274<br>00275<br>00276<br>00277<br>00300<br>00301<br>00302<br>00303<br>00304<br>00305<br>00306<br>00307<br>00311                                                                                                                                                                                                                                                                               | 0074 00 0<br>0020 00 0<br>0401 00 0<br>0534 00 1<br>0624 00 1<br>0020 00 0<br>0534 00 1<br>0624 00 1<br>0634 00 0<br>6 00001 0<br>0634 00 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | MESS,4<br>M5B<br>B2<br>B(2)<br>A2+1<br>A(2),1<br>M5B<br>D2+1<br>M5B<br>D2+1<br>M5B-4<br>H3A+4+1<br>MIMPS,4<br>HMPUT,4<br>BEGIN                                                                                                                                                                                                                                                                                           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| BINARY  | 00274<br>00275<br>00276<br>00277<br>00300<br>00301<br>00302<br>00303<br>00304<br>00305<br>00306<br>00307<br>00311                                                                                                                                                                                                                                                                               | 0074 00 0<br>0020 00 0<br>0401 00 0<br>0534 00 1<br>0624 00 1<br>0020 00 0<br>0534 00 1<br>0624 00 1<br>0634 00 0<br>6 00001 0<br>0634 00 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | MESS.4<br>H78<br>B2<br>B(2)<br>A2:1<br>A(2),1<br>M58<br>D2:1<br>M5A<br>MIMPS.4<br>MIMPS.4<br>INPUT,4<br>BEGIN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     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| BIMARY  | 00274<br>00275<br>00276<br>00277<br>00300<br>00301<br>00302<br>00303<br>00304<br>00305<br>00306<br>00307<br>00311                                                                                                                                                                                                                                                                               | 0074 00 0<br>0020 00 0<br>0401 00 0<br>0534 00 1<br>0624 00 1<br>0020 00 0<br>0534 00 1<br>0624 00 1<br>0634 00 0<br>6 00001 0<br>0634 00 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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                                        |
| BINARY  | 00274<br>00275<br>00276<br>00277<br>00300<br>00301<br>00302<br>00303<br>00304<br>00305<br>00306<br>00307<br>00311                                                                                                                                                                                                                                                                               | 0074 00 0<br>0020 00 0<br>0401 00 0<br>0534 00 1<br>0624 00 1<br>0020 00 0<br>0534 00 1<br>0624 00 1<br>0634 00 0<br>6 00001 0<br>0634 00 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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                                        |
| BIMARY  | 00274<br>00275<br>00276<br>00277<br>00300<br>00301<br>00302<br>00303<br>00304<br>00305<br>00306<br>00307<br>00311                                                                                                                                                                                                                                                                               | 0074 00 0<br>0020 00 0<br>0401 00 0<br>0534 00 1<br>0624 00 1<br>0020 00 0<br>0534 00 1<br>0624 00 1<br>0634 00 0<br>6 00001 0<br>0634 00 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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                                        |
| BI MARY | 00274<br>00275<br>00276<br>00277<br>00300<br>00301<br>00302<br>00303<br>00304<br>00305<br>00306<br>00307<br>00311                                                                                                                                                                                                                                                                               | 0074 00 0<br>0020 00 0<br>0401 00 0<br>0534 00 1<br>0624 00 1<br>0020 00 0<br>0534 00 1<br>0624 00 1<br>0634 00 0<br>6 00001 0<br>0634 00 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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                                        |
| 6î Mary | 00274<br>00275<br>00277<br>00300<br>00301<br>00302<br>00303<br>00304<br>00305<br>00310<br>00311<br>CARD [<br>00312<br>00314<br>00315<br>CO316<br>00315                                                                                                                                                                                                                                          | 0074 00 00 00 00 00 00 00 00 00 00 00 00 00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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00522<br>00253<br>00253<br>00416<br>00406<br>10465<br>10625<br>00255<br>14020<br>00255<br>14020<br>00256<br>14020<br>00420<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14020<br>14 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| BI MARY | 00274<br>00275<br>00277<br>00302<br>00301<br>00302<br>00303<br>00304<br>00305<br>00307<br>00311<br>00312<br>00313<br>00314<br>00315<br>00315<br>00317                                                                                                                                                                                                                                           | 0074 00 0 0020 00 0 0000 00 00 00 0 0 0 0 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | MESS.4<br>H78<br>BZ<br>B(2)<br>A2:1<br>A(2),1<br>M58<br>D2,1<br>M5A<br>MIMPS.4<br>MIMPS.4<br>INPUT.4<br>BEGIN<br>M3(M).2<br>MIMPS.2<br>MESS.4<br>MIMPS.2<br>MESS.4<br>MIMPS.2<br>MESS.4                                                                                                                                                                                                                                                   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| BINARY  | 00274<br>00275<br>00277<br>00302<br>00301<br>00302<br>00303<br>00304<br>00305<br>00306<br>00307<br>00311<br>00312<br>00313<br>00314<br>00315<br>00317<br>00312<br>00313                                                                                                                                                                                                                         | 0074 00 0 0020 00 0 0020 00 0 0 0 0 0 0 0 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | MESS.4<br>H78<br>BZ<br>B(2)<br>A2:1<br>A(2),1<br>M58<br>D2,1<br>M5A<br>MIMPS.4<br>MIMPS.4<br>INPUT.4<br>BEGIN<br>M3(M).2<br>MIMPS.2<br>MESS.4<br>MIMPS.2<br>MESS.4<br>MIMPS.2<br>MESS.4                                                                                                                                                                                                                                                   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| BIMARY  | 00274<br>00275<br>00277<br>00300<br>00301<br>00302<br>00303<br>00304<br>00305<br>00307<br>00310<br>00311<br>00312<br>00315<br>00316<br>00317<br>00316<br>00317                                                                                                                                                                                                                                  | 0074 00 4 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 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| BIMARY  | 00274<br>00275<br>00277<br>00302<br>00301<br>00302<br>00303<br>00305<br>00305<br>00307<br>00311<br>00312<br>00313<br>00314<br>00315<br>00314<br>00317<br>00322<br>00322                                                                                                                                                                                                                         | 0074 00 0 0020 00 0 0020 00 0 0020 00 0 0020 00 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          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| B1 MARY | 00274<br>00275<br>00277<br>00300<br>00301<br>00302<br>00303<br>00304<br>00305<br>00307<br>00310<br>00311<br>CARD [<br>00312<br>00315<br>00314<br>00315<br>00316<br>00317<br>00322<br>00322<br>00323                                                                                                                                                                                             | 0074 00 4 0020 00 6 0500 00 6 0 00 6 0 0 0 6 0 0 0 6 0 0 0 6 0 0 0 0 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | MESS.4<br>H78<br>BZ<br>B(2)<br>A2:1<br>A(2),1<br>M58<br>D2,1<br>M5A<br>MIMPS.4<br>MIMPS.4<br>INPUT.4<br>BEGIN<br>M3(M).2<br>MIMPS.2<br>MESS.4<br>MIMPS.2<br>MESS.4<br>MIMPS.2<br>MESS.4                                                                                                                                                                                                                                                   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| Bi Mary | 00274<br>00275<br>00277<br>00302<br>00301<br>00302<br>00303<br>00304<br>00305<br>00307<br>00310<br>00311<br>00312<br>00312<br>00314<br>00315<br>00315<br>00316<br>00317<br>00322<br>00322<br>00322                                                                                                                                                                                              | 0074 00 4 0020 00 6 0500 00 6 0 0 0 0 0 0 0 0 0 0 0 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      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FER<br>TRA<br>STO<br>LXA<br>SXA<br>FRA<br>LXA<br>FRA<br>LYA<br>FMX<br>SXA<br>FSX<br>FRA<br>LXA<br>SXA<br>FSX<br>LXA<br>SXA<br>FSX<br>LXA<br>SXA<br>FSX<br>FRA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | MESS.4<br>H78<br>BZ<br>B(2)<br>A2:1<br>A(2),1<br>M58<br>D2,1<br>M5A<br>MIMPS.4<br>MIMPS.4<br>INPUT.4<br>BEGIN<br>M3(M).2<br>MIMPS.2<br>MESS.4<br>MIMPS.2<br>MESS.4<br>MIMPS.2<br>MESS.4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   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YES-RESET M COUNTER HAVE N CYCLES BEEN READ YES-RESET N COUNTER NOBSP M TIMES                                                                                                                                                   | LNK40163<br>LNK40165<br>LNK40166<br>LNK40167<br>LNK40169<br>LNK40170<br>LNK40172<br>LNK40173<br>LNK40174<br>LNK40181                                                                                                                                                            |
| Bî Mary | 00274<br>00275<br>00277<br>00302<br>00301<br>00302<br>00303<br>00305<br>00305<br>00307<br>00311<br>00311<br>00311<br>00311<br>00315<br>00314<br>00317<br>00320<br>00322<br>00323<br>00325<br>00325<br>00325<br>00325                                                                                                                                                                            | 0074 00 0 0020 00 0 0020 00 0 0020 00 0 0020 00 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          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MSF<br>MSE<br>MODE3<br>M3<br>M3A<br>M3B<br>M3C          | FSX TRA STO LXA FRA LXA TRA LXA TRA LXA TRA LXA TSX                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | MESS.4<br>H78<br>BZ<br>B(2)<br>A2:1<br>A(2),1<br>M58<br>D2,1<br>M5A<br>MIMPS.4<br>MIMPS.4<br>INPUT.4<br>BEGIN<br>M3(M).2<br>MIMPS.2<br>MESS.4<br>MIMPS.2<br>MESS.4<br>MIMPS.2<br>MESS.4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             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NO-READ NEXT INPUT  YES-RESET M COUNTER HRITE CYCLE RESPONSE MESSAGE HAVE N CYCLES BEEN READ YES-RESET N COUNTER                                                                                                                                    | LNK40163<br>LNK40165<br>LNK40166<br>LNK40167<br>LNK40169<br>LNK40170<br>LNK40172<br>LNK40174<br>LNK40174<br>LNK40174<br>LNK40181                                                                                                                                                |
| BIMARY  | 00274<br>00275<br>00277<br>00300<br>00301<br>00302<br>00303<br>00304<br>00305<br>00307<br>00310<br>00311<br>00312<br>00315<br>00314<br>00315<br>00316<br>00317<br>00322<br>00322<br>00322<br>00324<br>00325<br>00327<br>00331                                                                                                                                                                   | 0074 00 4 0020 00 6 0500 00 6 0 0 0 0 0 0 0 0 0 0 0 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      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MESS.4<br>H78<br>BZ<br>B(2)<br>A2:1<br>A(2),1<br>M58<br>D2,1<br>M5A<br>MIMPS.4<br>MIMPS.4<br>INPUT.4<br>BEGIN<br>M3(M).2<br>MIMPS.2<br>MESS.4<br>MIMPS.2<br>MESS.4<br>MIMPS.2<br>MESS.4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  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HAVE N CYCLES BEEN READ YES-RESET N COUNTER  NOBSP N TIMES  ADD ONE TO TOTAL TRIES                                                                                             | LNK40163<br>LNK40165<br>LNK40166<br>LNK40167<br>LNK40168<br>LNK40169<br>LNK40170<br>LNK40173<br>LNK40174<br>LNK40181<br>LNK40181                                                                                                                                                |
| BIMARY  | 00274<br>00275<br>00276<br>00277<br>00300<br>00301<br>00302<br>00303<br>00304<br>00305<br>00306<br>00307<br>00311<br>00311<br>00313<br>00314<br>00315<br>60316<br>00317<br>00320<br>00320<br>00320<br>00320<br>00320<br>00320<br>00320<br>00320<br>00320<br>00320<br>00320<br>00320<br>00320<br>00320<br>00320<br>00320<br>00320<br>00320<br>00320<br>00320<br>00320<br>00320<br>00330<br>00330 | 0074 00 0 00 00 00 00 00 00 00 00 00 00 00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 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MESS.4<br>H758<br>B2<br>B(2)<br>A2:1<br>A(2):1<br>M58<br>D2:1<br>M5A<br>MIMPS.4<br>IMPUT.4<br>BEGIN<br>M3(M):2<br>MESS.4<br>NCYCS.4<br>MGYCS.2<br>MGYCS.2<br>MGYCS.2<br>MGYCS.4<br>DOUBSR;<br>M3(M):2<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYCS.4<br>DOUBSR;<br>MGYC | RESET CYCLE INDEX RESET INPUT COUNTER INDEX RESET CONSECUTIVELY CORRECT RESPONSE IS HAVE M IMPUTS BEEN READ NO-READ NEXT INPUT  YES-RESET M COUNTER WRITE CYCLE RESPONSE MESSAGE HAVE M CYCLES BEEN READ YES-RESET M COUNTER  NOBSP M TIMES  ADD ONE TO TOTAL TRIES WAS LAST RESPONSE CORRECT                                                                   | LNK40163<br>LNK40165<br>LNK40166<br>LNK40167<br>LNK40169<br>LNK40170<br>LNK40172<br>LNK40174<br>LNK40174<br>LNK40174<br>LNK40181                                                                                                                                                |
| BIMARY  | 00274<br>00275<br>00276<br>00277<br>00300<br>00301<br>00302<br>00303<br>00304<br>00305<br>00306<br>00307<br>00311<br>00311<br>00313<br>00314<br>00315<br>60316<br>00317<br>00320<br>00320<br>00320<br>00320<br>00320<br>00320<br>00320<br>00320<br>00320<br>00320<br>00320<br>00320<br>00320<br>00320<br>00320<br>00320<br>00320<br>00320<br>00320<br>00320<br>00320<br>00320<br>00330<br>00330 | 0074 00 4 0020 00 6 0000 00 00 00 00 00 00 00 00 00 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | MESS.4<br>H78<br>B2<br>B(2)<br>A2:1<br>A(2):1<br>M58<br>D2:1<br>M5A<br>MIMPS.4<br>HIMPS.4<br>HIMPS.4<br>HIMPS.4<br>HIMPS.4<br>HIMPS.4<br>HIMPS.4<br>HIMPS.4<br>HIMPS.4<br>HIMPS.2<br>MESS.4<br>NC TCS.4<br>M3 M3.4.1<br>M3 M3 M3.4.1<br>M3 M3 M3.4.1<br>M3 M3 M                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | RESET CYCLE INDEX RESET INPUT COUNTER INDEX RESET CONSECUTIVELY CORRECT RESPONSE IS HAVE N INPUTS BEEN READ NO-READ NEXT INPUT  YES-RESET N COUNTER WRITE CYCLE RESPONSE MESSAGE HAVE N CYCLES BEEN READ YES-RESET N COUNTER  NOBSP N TIMES  ADD ONE TO TOTAL TRIES                                                                                             | LNK40163<br>LNK40165<br>LNK40166<br>LNK40167<br>LNK40169<br>LNK40170<br>LNK40172<br>LNK40174<br>LNK40181<br>LNK40181                                                                                                                                                            |
|         | 00274<br>00275<br>00277<br>00302<br>00301<br>00302<br>00303<br>00304<br>00305<br>00305<br>00310<br>00311<br>00311<br>00313<br>00314<br>00315<br>60316<br>00317<br>00320<br>00320<br>00320<br>00320<br>00320<br>00323<br>00324<br>00325                                                                                                                                                          | 0074 00 4 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0000 00 6 0020 00 6 00 00 00 00 00 00 00 00 00 00 00                                                                                                                                                                           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00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   0060                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             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                                                                          | RESET CYCLE INDEX RESET INPUT COUNTER INDEX RESET CONSECUTIVELY CORRECT RESPONSE IS HAVE M IMPUTS BEEN READ NO-READ NEXT INPUT  YES-RESET M COUNTER WRITE CYCLE RESPONSE MESSAGE HAVE M CYCLES BEEN READ YES-RESET M COUNTER  NOBSP M TIMES  ADD ONE TO TOTAL TRIES WAS LAST RESPONSE CORRECT                                                                   | LNK40163<br>LNK40165<br>LNK40166<br>LNK40167<br>LNK40169<br>LNK40170<br>LNK40172<br>LNK40173<br>LNK40174<br>LNK40181<br>LNK40181                                                                                                                                                |
|         | 00274<br>00275<br>00277<br>00300<br>00301<br>00302<br>00303<br>00304<br>00305<br>00306<br>00311<br>00312<br>00311<br>00315<br>00315<br>00316<br>00317<br>00322<br>00323<br>00324<br>00325<br>00326<br>00327<br>00320<br>00331<br>00335                                                                                                                                                          | 0074 00 4 0020 00 6 0500 00 00 0601 0C 6 0534 00 1 0020 00 6 0020 00 6 00334 00 6 00001 0C 6 0000 0C 6 | 00522   00615   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   0060                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1000a<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001 | MSF<br>MSE<br>MODES<br>M3<br>M3A<br>M3B<br>M3C<br>MDDF4 | FER FRA STA FRA LXA FR | MESS.4<br>H78<br>82<br>8(2)<br>A2:1<br>A(2),1<br>M58<br>D2.1<br>M5A<br>MIMPS.4<br>MIMPS.4<br>IMPUT.4<br>BEGIN<br>M3(M).2<br>MESS.4<br>MCYCS.4<br>MCYCS.4<br>MCYCS.4<br>MCYCS.4<br>MOCYCS.4<br>M3(M).2<br>MCYCS.4<br>M1MPS.4<br>IMPUT.4<br>BEGIN<br>MY M3(M).2<br>MCYCS.4<br>MY M3(M).2<br>MCYCS.4<br>MY M3(M).2<br>MY                                                                                                                                                                                               | RESET CYCLE INDEX RESET INPUT COUNTER INDEX RESET CONSECUTIVELY CORRECT RESPONSE IS HAVE M IMPUTS BEEN READ NO-READ NEXT INPUT  YES-RESET M COUNTER MRITE CYCLE RESPONSE MESSAGE HAVE N CYCLES BEEN READ YES-RESET N COUNTER  NOBSP M TIMES  ADD GNE TO TOTAL TRIES WAS LAST RESPONSE CORRECT N/                                                                | LNK40163<br>LNK40165<br>LNK40166<br>LNK40167<br>LNK40169<br>LNK40170<br>LNK40172<br>LNK40173<br>LNK40174<br>LNK40181<br>LNK40181                                                                                                                                                |
|         | 00274<br>00275<br>00276<br>00277<br>00300<br>00301<br>00302<br>00303<br>00304<br>00305<br>00310<br>00311<br>00311<br>00315<br>00314<br>00315<br>00314<br>00317<br>00322<br>00323<br>00324<br>00325<br>00325<br>00325<br>00333<br>00334                                                                                                                                                          | 0074 00 6 0020 00 6 0500 00 0 0401 00 6 0534 00 6 0620 00 6 0534 00 6 0634 00 6 0634 00 6 0634 00 6 0634 00 6 0634 00 6 0634 00 6 0634 00 6 0634 00 6 0634 00 6 0634 00 6 0634 00 6 0634 00 6 0634 00 6 0634 00 6 0634 00 6 0634 00 6 0634 00 6 0634 00 6 0634 00 6 0634 00 6 0634 00 6 0634 00 6 0634 00 6 0634 00 6 0634 00 6 0634 00 6 0634 00 6 0634 00 6 0634 00 6 0636 00 6 0637 00 6 0638 00 6 0638 00 6 0638 00 6 0639 00 6 0630 00 6 0640 00 6 0601 00 6 0601 00 6 0601 00 6 0601 00 6 0600 00 6 0600 00 6 0600 00 6                                                                                              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00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   0060                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1000a<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001 | MSF<br>MSE<br>MODES<br>M3<br>M3A<br>M3B<br>M3C<br>MDDF4 | FER FRA STA FRA LXA FR | MESS.4<br>H78<br>82<br>8(2)<br>A2:1<br>A(2),1<br>M58<br>D2.1<br>M5A<br>MIMPS.4<br>MIMPS.4<br>IMPUT.4<br>BEGIN<br>M3(M).2<br>MESS.4<br>MCYCS.4<br>MCYCS.4<br>MCYCS.4<br>MCYCS.4<br>MOCYCS.4<br>M3(M).2<br>MCYCS.4<br>M1MPS.4<br>IMPUT.4<br>BEGIN<br>MY M3(M).2<br>MCYCS.4<br>MY M3(M).2<br>MCYCS.4<br>MY M3(M).2<br>MY                                                                                                                                                                                               | RESET CYCLE INDEX RESET INPUT COUNTER INDEX RESET CONSECUTIVELY CORRECT RESPONSE IS HAVE M IMPUTS BEEN READ NO-READ NEXT INPUT  YES-RESET M COUNTER MRITE CYCLE RESPONSE MESSAGE HAVE N CYCLES BEEN READ YES-RESET N COUNTER  NOBSP M TIMES  ADD GNE TO TOTAL TRIES WAS LAST RESPONSE CORRECT N/                                                                | LNK40163 LNK40165 LNK40166 LNK40166 LNK40167  LNK40169 LNK40172 LNK40172 LNK40174 LNK40181  LNK40188 LNK40188 LNK40188                                                                                                                                                          |
|         | 00274<br>00275<br>00276<br>00277<br>00300<br>00301<br>00302<br>00303<br>00304<br>00305<br>00306<br>00307<br>00311<br>00312<br>00313<br>00314<br>00315<br>00316<br>00317<br>00320<br>00322<br>00322<br>00323<br>00324<br>00325<br>00325<br>00326<br>00327                                                                                                                                        | 0074 00 4 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0000 00 6 0000 00 6 0000 00 6 0000 00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 00522   00615   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   0060                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1000a<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001 | MSF<br>MSE<br>MODES<br>M3<br>M3A<br>M3B<br>M3C<br>MDDF4 | FER FRA STA FRA LXA FR | MESS.4<br>H78<br>82<br>8(2)<br>A2:1<br>A(2),1<br>M58<br>D2.1<br>M5A<br>MIMPS.4<br>MIMPS.4<br>IMPUT.4<br>BEGIN<br>M3(M).2<br>MESS.4<br>MCYCS.4<br>MCYCS.4<br>MCYCS.4<br>MCYCS.4<br>MOCYCS.4<br>M3(M).2<br>MCYCS.4<br>M1MPS.4<br>IMPUT.4<br>BEGIN<br>MY M3(M).2<br>MCYCS.4<br>MY M3(M).2<br>MCYCS.4<br>MY M3(M).2<br>MY                                                                                                                                                                                               | RESET CYCLE INDEX RESET INPUT COUNTER INDEX RESET CONSECUTIVELY CORRECT RESPONSE IS HAVE M INPUTS BEEN READ NO-READ NEXT INPUT  YES-RESET M COUNTER HRITE CYCLE RESPONSE MESSAGE HAVE M CYCLES BEEN READ YES-RESET M COUNTER  NOBSP M TIMES  ADD ONE TO TOTAL TRIES HAS LAST RESPONSE CORRECT N/ YES-ADD 1 TO COUNT                                             | LNK40163<br>LNK40165<br>LNK40166<br>LNK40167<br>LNK40169<br>LNK40170<br>LNK40172<br>LNK40172<br>LNK40173<br>LNK40181<br>LNK40181<br>LNK40188<br>LNK40188<br>LNK40188<br>LNK40188<br>LNK40188                                                                                    |
|         | 00274<br>00275<br>00277<br>00300<br>00301<br>00302<br>00303<br>00304<br>00305<br>00306<br>00311<br>00312<br>00313<br>00314<br>00315<br>00315<br>00316<br>00317<br>00322<br>00323<br>00324<br>00325<br>00326<br>00327<br>00320<br>00331<br>00335<br>00336<br>00336<br>00336                                                                                                                      | 0074 00 6 0020 00 6 0500 00 0 0401 00 6 0534 00 6 0620 00 6 0534 00 6 0634 00 6 0634 00 6 0634 00 6 0634 00 6 0634 00 6 0634 00 6 0634 00 6 0634 00 6 0634 00 6 0634 00 6 0634 00 6 0634 00 6 0634 00 6 0634 00 6 0634 00 6 0634 00 6 0634 00 6 0634 00 6 0634 00 6 0634 00 6 0634 00 6 0634 00 6 0634 00 6 0634 00 6 0634 00 6 0634 00 6 0634 00 6 0634 00 6 0634 00 6 0636 00 6 0637 00 6 0638 00 6 0638 00 6 0638 00 6 0639 00 6 0630 00 6 0640 00 6 0601 00 6 0601 00 6 0601 00 6 0601 00 6 0600 00 6 0600 00 6 0600 00 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       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00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   0060                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             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                                                                          | RESET CYCLE INDEX RESET INPUT COUNTER INDEX RESET CONSECUTIVELY CORRECT RESPONSE IS HAVE M IMPUTS BEEN READ NO-READ NEXT INPUT  YES-RESET M COUNTER MRITE CYCLE RESPONSE MESSAGE HAVE N CYCLES BEEN READ YES-RESET N COUNTER  NOBSP M TIMES  ADD GNE TO TOTAL TRIES WAS LAST RESPONSE CORRECT N/                                                                | LNK40163 LNK40165 LNK40166 LNK40166 LNK40167  LNK40169 LNK40172 LNK40173 LNK40174 LNK40181  LNK40181  LNK40188 LNK40188 LNK40188 LNK40188                                                                                                                                       |
|         | 00274<br>00275<br>00276<br>00277<br>00300<br>00301<br>00302<br>00303<br>00304<br>00305<br>00305<br>00310<br>00311<br>00312<br>00313<br>00314<br>00315<br>00316<br>00317<br>00320<br>00321<br>00320<br>00323<br>00324<br>00325<br>00325<br>00326<br>00327<br>00331<br>00331<br>00331<br>00331<br>00331<br>00331<br>00331<br>00331<br>00332                                                       | 0074 00 4 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 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0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 0 | 00522   00615   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   0060                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1000a<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001 | MSF<br>MSE<br>MODES<br>M3<br>M3A<br>M3B<br>M3C<br>MDDF4 | FER FRA STA FRA LXA FR | MESS.4<br>H78<br>82<br>8(2)<br>A2:1<br>A(2),1<br>M58<br>D2.1<br>M5A<br>MIMPS.4<br>MIMPS.4<br>IMPUT.4<br>BEGIN<br>M3(M).2<br>MESS.4<br>MCYCS.4<br>MCYCS.4<br>MCYCS.4<br>MCYCS.4<br>MOCYCS.4<br>M3(M).2<br>MCYCS.4<br>M1MPS.4<br>IMPUT.4<br>BEGIN<br>MY M3(M).2<br>MCYCS.4<br>MY M3(M).2<br>MCYCS.4<br>MY M3(M).2<br>MY                                                                                                                                                                                               | RESET CYCLE INDEX RESET INPUT COUNTER INDEX RESET CONSECUTIVELY CORRECT RESPONSE IS HAVE M INPUTS BEEN READ NO-READ NEXT INPUT  YES-RESET M COUNTER HRITE CYCLE RESPONSE MESSAGE HAVE M CYCLES BEEN READ YES-RESET M COUNTER  NOBSP M TIMES  ADD ONE TO TOTAL TRIES HAS LAST RESPONSE CORRECT N/ YES-ADD 1 TO COUNT                                             | LNK40163<br>LNK40165<br>LNK40166<br>LNK40167<br>LNK40169<br>LNK40170<br>LNK40172<br>LNK40172<br>LNK40173<br>LNK40181<br>LNK40181<br>LNK40188<br>LNK40188<br>LNK40188<br>LNK40188<br>LNK40188                                                                                    |
|         | 00274<br>00275<br>00276<br>00277<br>00300<br>00301<br>00302<br>00303<br>00304<br>00305<br>00310<br>00311<br>00312<br>00313<br>00314<br>00315<br>00315<br>00322<br>00323<br>00324<br>00325<br>00326<br>00327<br>00320<br>00323<br>00323<br>00333<br>00340<br>00341<br>00341<br>00341                                                                                                             | 0074 00 4 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 00 6 0020 00 00 6 0020 00 00 6 0020 00 00 6 0020 00 00 6 0020 00 00 6 0020 00 00 6 0020 00 00 6 0020 00 00 6 0020 00 00 6 0020 00 00 6 0020 00 00 6 0020 00 00 6 0020 00 00 6 0020 00 00 6 0020 00 00 6 0020 00 00 6 0020 00 00 6 0020 00 00 00 00 00 00 00 00 00 00 00 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 00522   00615   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   0060                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1000a<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001 | MSF<br>MSE<br>MODES<br>M3<br>M3A<br>M3B<br>M3C<br>MDDF4 | FER FRA STA FRA LXA FR | MESS.4<br>H78<br>82<br>8(2)<br>A2:1<br>A(2),1<br>M58<br>D2.1<br>M5A<br>MIMPS.4<br>MIMPS.4<br>IMPUT.4<br>BEGIN<br>M3(M).2<br>MESS.4<br>MCYCS.4<br>MCYCS.4<br>MCYCS.4<br>MCYCS.4<br>MOCYCS.4<br>M3(M).2<br>MCYCS.4<br>M1MPS.4<br>IMPUT.4<br>BEGIN<br>MY M3(M).2<br>MCYCS.4<br>MY M3(M).2<br>MCYCS.4<br>MY M3(M).2<br>MY                                                                                                                                                                                               | RESET CYCLE INDEX RESET INPUT COUNTER INDEX RESET CONSECUTIVELY CORRECT RESPONSE IS HAVE N INPUTS BEEN READ NO-READ NEXT INPUT  YES-RESET N COUNTER WRITE CYCLE RESPONSE MESSAGE HAVE N CYCLES BEEN READ YES-RESET N COUNTER  NOBSP N TIMES  ADD ONE TO TOTAL TRIES HAS LAST RESPONSE CORRECT N/ YES-ADD 1 TO COUNT HAVE N INPUTS BEEN READ                     | LNK40163 LNK40166 LNK40166 LNK40166 LNK40167  LNK40169 LNK40172 LNK40173 LNK40174 LNK40181  LNK40181  LNK40188 LNK40188 LNK40188 LNK40188 LNK40188 LNK40189 LNK40189 LNK40191 LNK40191 LNK40193 LNK40191 LNK40193 LNK40191                                                      |
|         | 00274<br>00275<br>00276<br>00277<br>00300<br>00301<br>00302<br>00303<br>00304<br>00305<br>00310<br>00311<br>00312<br>00313<br>00314<br>00315<br>00314<br>00317<br>00322<br>00322<br>00322<br>00323<br>00324<br>00325<br>00324<br>00325<br>00333<br>00334<br>00335<br>00335<br>00335<br>00335<br>00335<br>00335                                                                                  | 0074 00 4 0020 00 6 0500 00 00 0601 0C 6 0534 00 6 0620 00 6 0634 00 6 0634 00 6 0634 00 6 0634 00 6 0634 00 6 0634 00 6 0634 00 6 0634 00 6 0634 00 6 0634 00 6 074 00 6 074 00 6 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00 00 075 00  | 00522   00615   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   0060                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1000a<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001 | MSF<br>MSE<br>MODES<br>M3<br>M3A<br>M3B<br>M3C<br>MDDF4 | FER FRA STA FRA LXA FR | MESS.4<br>H78<br>82<br>8(2)<br>A2:1<br>A(2),1<br>M58<br>D2.1<br>M5A<br>MIMPS.4<br>MIMPS.4<br>IMPUT.4<br>BEGIN<br>M3(M).2<br>MESS.4<br>MCYCS.4<br>MCYCS.4<br>MCYCS.4<br>MCYCS.4<br>MOCYCS.4<br>M3(M).2<br>MCYCS.4<br>M1MPS.4<br>IMPUT.4<br>BEGIN<br>MY M3(M).2<br>MCYCS.4<br>MY M3(M).2<br>MCYCS.4<br>MY M3(M).2<br>MY                                                                                                                                                                                               | RESET CYCLE INDEX RESET INPUT COUNTER INDEX RESET CONSECUTIVELY CORRECT RESPONSE IS HAVE N INPUTS BEEN READ NO-READ NEXT INPUT  YES-RESET N COUNTER WRITE CYCLE RESPONSE MESSAGE HAVE N CYCLES BEEN READ YES-RESET N COUNTER  NOBSP N TIMES  ADD ONE TO TOTAL TRIES HAS LAST RESPONSE CORRECT N/ YES-ADD 1 TO COUNT HAVE N INPUTS BEEN READ                     | LNK40163 LNK40165 LNK40166 LNK40166 LNK40167  LNK40168 LNK40169 LNK40172 LNK40173 LNK40174 LNK40181  LNK40188 LNK40188 LNK40188 LNK40188 LNK40189 LNK40189 LNK40191 LNK40191 LNK40192 LNK40193 LNK40193 LNK40193 LNK40193                                                       |
|         | 00274<br>00275<br>00276<br>00277<br>00300<br>00301<br>00302<br>00303<br>00304<br>00305<br>00307<br>00310<br>00311<br>00312<br>00312<br>00315<br>00316<br>00317<br>00322<br>00323<br>00324<br>00325<br>00326<br>00327<br>00320<br>00333<br>00334<br>00333<br>0034<br>00343<br>00343<br>00343<br>00343<br>00343<br>00344<br>00343<br>00344                                                        | 0074 00 4 0020 00 6 0500 00 00 0601 0C 6 0534 00 1 0020 00 6 0534 00 2 0534 00 6 0020 00 6 0034 00 6 0020 00 6 0034 00 6 0020 00 6 0034 00 6 0020 00 6 0034 00 6 0034 00 6 0034 00 6 0034 00 6 0034 00 6 0034 00 6 0034 00 6 0034 00 6 0034 00 6 0034 00 6 0030 00 6 0034 00 6 0034 00 6 0034 00 6 0034 00 6 0034 00 6 0034 00 6 0034 00 6 0034 00 6 0034 00 6 0034 00 6 0034 00 6 0034 00 6 0034 00 6 0034 00 6 0034 00 6 0034 00 6 0034 00 6 0034 00 6 0034 00 6 0034 00 6 0034 00 6 0034 00 6 0034 00 6 0034 00 6 0034 00 6 0034 00 6 0034 00 6 0034 00 6 0034 00 6 0034 00 6 0034 00 6 0034 00 6 0034 00 6 0034 00 6 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00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   0060                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1000a<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001 | MSF<br>MSE<br>MODES<br>M3<br>M3A<br>M3B<br>M3C<br>MDDF4 | FER FRA STA FRA LXA FR | MESS.4<br>H78<br>82<br>8(2)<br>A2:1<br>A(2),1<br>M58<br>D2.1<br>M5A<br>MIMPS.4<br>MIMPS.4<br>IMPUT.4<br>BEGIN<br>M3(M).2<br>MESS.4<br>MCYCS.4<br>MCYCS.4<br>MCYCS.4<br>MCYCS.4<br>MOCYCS.4<br>M3(M).2<br>MCYCS.4<br>M1MPS.4<br>IMPUT.4<br>BEGIN<br>MY M3(M).2<br>MCYCS.4<br>MY M3(M).2<br>MCYCS.4<br>MY M3(M).2<br>MY                                                                                                                                                                                               | RESET CYCLE INDEX RESET INPUT COUNTER INDEX RESET CONSECUTIVELY CORRECT RESPONSE IS HAVE N INPUTS BEEN READ NO-READ NEXT INPUT  YES-RESET N COUNTER WRITE CYCLE RESPONSE MESSAGE HAVE N CYCLES BEEN READ YES-RESET N COUNTER  NOBSP N TIMES  ADD ONE TO TOTAL TRIES HAS LAST RESPONSE CORRECT N/ YES-ADD 1 TO COUNT HAVE N INPUTS BEEN READ                     | LNK40163 LNK40166 LNK40166 LNK40166 LNK40167  LNK40169 LNK40170 LNK40173 LNK40174 LNK40181  LNK40181  LNK40188 LNK40188 LNK40189 LNK40189 LNK40189 LNK40191 LNK40192 LNK40192 LNK40196                                                                                          |
|         | 00274<br>00275<br>00276<br>00277<br>00300<br>00301<br>00302<br>00303<br>00304<br>00305<br>00307<br>00310<br>00311<br>00312<br>00312<br>00314<br>00315<br>00314<br>00317<br>00322<br>00322<br>00322<br>00323<br>00324<br>00325<br>00324<br>00325<br>00333<br>00334<br>00335<br>00334<br>00335<br>00335<br>00335<br>00344<br>00345<br>00344                                                       | 0074 00 4 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0034 00 6 0020 00 6 0034 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 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00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   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                                                                                                                                                                                                                                                                 | 1000a<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001 | MSF<br>MSE<br>MODES<br>M3<br>M3A<br>M3B<br>M3C<br>MDDF4 | FER FRA STA FRA LXA FR | MESS.4<br>MESS.4<br>MEZ<br>B(2)<br>A(2),1<br>MESS.4<br>MEMPS.4<br>MEMPS.4<br>IMPUT.4<br>BEGIN<br>MIMPS.4<br>IMPUT.4<br>BEGIN<br>MIMPS.4<br>IMPUT.4<br>BEGIN<br>MIMPS.4<br>IMPUT.4<br>BEGIN<br>MIMPS.4<br>IMPUT.4<br>BEGIN<br>MIMPS.4<br>IMPUT.4<br>BEGIN<br>MIMPS.4<br>IMPUT.4<br>BEGIN<br>MIMPS.4<br>IMPUT.4<br>BEGIN<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIM                                                                                                                                                                                                                                                                                                                              | RESET CYCLE INDEX RESET INPUT COUNTER INDEX RESET CONSECUTIVELY CORRECT RESPONSE IS HAVE N INPUTS BEEN READ NO-READ NEXT INPUT  VES-RESET N COUNTER WRITE CYCLE RESPONSE MESSAGE HAVE N CYCLES BEEN READ VES-RESET N COUNTER  NOBSP N TIMES  ADD GNE TO TOTAL TRIES HAS LAST RESPONSE CORRECT N/  YES-ADD 1 TO COUNT HAVE N INPUTS BEEN READ NO-READ NEW RECORD | LNK40163 LNK40166 LNK40166 LNK40166 LNK40167  LNK40169 LNK40172 LNK40173 LNK40174 LNK40181  LNK40181  LNK40188 LNK40188 LNK40188 LNK40188 LNK40188 LNK40189 LNK40189 LNK40191 LNK40191 LNK40193 LNK40191 LNK40193 LNK40191                                                      |
|         | 00274<br>00275<br>00276<br>00277<br>00300<br>00301<br>00302<br>00303<br>00304<br>00305<br>00307<br>00310<br>00311<br>00312<br>00313<br>00314<br>00315<br>00314<br>00317<br>00322<br>00322<br>00323<br>00324<br>00325<br>00326<br>00327<br>00330<br>00331<br>00334<br>00335<br>00334<br>00344<br>00345<br>00344<br>00345<br>00346<br>00345<br>00346                                              | 0074 00 4 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 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00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   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MESS.4<br>MESS.4<br>MEZ<br>B(2)<br>A(2),1<br>MESS.4<br>MEMPS.4<br>MEMPS.4<br>IMPUT.4<br>BEGIN<br>MIMPS.4<br>IMPUT.4<br>BEGIN<br>MIMPS.4<br>IMPUT.4<br>BEGIN<br>MIMPS.4<br>IMPUT.4<br>BEGIN<br>MIMPS.4<br>IMPUT.4<br>BEGIN<br>MIMPS.4<br>IMPUT.4<br>BEGIN<br>MIMPS.4<br>IMPUT.4<br>BEGIN<br>MIMPS.4<br>IMPUT.4<br>BEGIN<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIMPS.4<br>MIM                                                                                                                                                                                                                                                                                                                              | RESET CYCLE INDEX RESET INPUT COUNTER INDEX RESET COMSECUTIVELY CORRECT RESPONSE IS HAVE M INPUTS BEEN READ NO-READ NEXT INPUT  YES-RESET M COUNTER WRITE CYCLE RESPONSE MESSAGE HAVE N CYCLES BEEN READ YES-RESET N COUNTER  NOBSP M TIMES  ADD GNE TO TOTAL TRIES HAS LAST RESPONSE CORRECT N/  YES-ADD 1 TO COUNT HAVE M INPUTS BEEN READ NO-READ NEW RECORD | LNK40163 LNK40166 LNK40166 LNK40166 LNK40166 LNK40169 LNK40170 LNK40173 LNK40174 LNK40181  LNK40181  LNK40188 LNK40188 LNK40188 LNK40188 LNK40189 LNK40188 LNK40189 LNK40189 LNK40190 LNK40191 LNK40190 LNK40195 LNK40195 LNK40196 LNK40196 LNK40196 LNK40196 LNK40196 LNK40198 |
|         | 00274<br>00275<br>00276<br>00277<br>00300<br>00301<br>00302<br>00303<br>00304<br>00305<br>00307<br>00310<br>00311<br>00312<br>00313<br>00314<br>00315<br>00314<br>00317<br>00322<br>00322<br>00323<br>00324<br>00325<br>00326<br>00327<br>00330<br>00331<br>00334<br>00335<br>00334<br>00344<br>00345<br>00344<br>00345<br>00346<br>00345<br>00346                                              | 0074 00 4 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0034 00 6 0020 00 6 0034 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 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0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 00 6 0020 0 | 00522   00615   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   00606   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                                                                                                                                                                                                                                                                 | 1000a<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001 | MSF<br>MSE<br>MODES<br>M3<br>M3A<br>M3B<br>M3C<br>MDDF4 | FER FRA STA FRA LXA FR | MESS.4 H758 B2 B(2) A2:1 A(2):1 M58 D2:1 M58 MIMPS.4 HIMPS.4 HIMPS.4 HIMPS.4 HIMPS.4 HIMPUT.4 BEGIN M3(M):2 MCYCS.4 MCYCS.4 MGYCS.2 MCYCS.4 MGYCS.4 H3(M):2 MCYCS.4 MCYCS.4 MGYCS.4 MG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | RESET CYCLE INDEX RESET INPUT COUNTER INDEX RESET CONSECUTIVELY CORRECT RESPONSE IS HAVE N INPUTS BEEN READ NO-READ NEXT INPUT  VES-RESET N COUNTER WRITE CYCLE RESPONSE MESSAGE HAVE N CYCLES BEEN READ VES-RESET N COUNTER  NOBSP N TIMES  ADD GNE TO TOTAL TRIES HAS LAST RESPONSE CORRECT N/  YES-ADD 1 TO COUNT HAVE N INPUTS BEEN READ NO-READ NEW RECORD | LNK40163 LNK40165 LNK40166 LNK40166 LNK40167  LNK40169 LNK40170 LNK40172 LNK40172 LNK40174 LNK40181  LNK40188 LNK40188 LNK40188 LNK40188 LNK40189 LNK40191 LNK40192 LNK40193 LNK40199 LNK40199 LNK40199 LNK40199 LNK40199 LNK40199 LNK40199                                     |

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| 0145<br>0146<br>0147<br>0148<br>0149<br>0150<br>0151 |  |
|------------------------------------------------------|--|
| 0153<br>2154<br>0155                                 |  |
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|                                                      |  |
| )163<br>)164<br>)165<br>)166<br>)167                 |  |
| 1168                                                 |  |
| 172<br>173<br>174<br>101                             |  |
| 182<br>183<br>184<br>185<br>186<br>187               |  |
| 189<br>190<br>191<br>192<br>193<br>194<br>195        |  |
| 198<br>199<br>200                                    |  |

D143

|        | AC             | METS IM<br>SEMBLED TEXT.            |                |         |             |                                                                       | 04/14/66                                                   | PAGE 10              |
|--------|----------------|-------------------------------------|----------------|---------|-------------|-----------------------------------------------------------------------|------------------------------------------------------------|----------------------|
|        |                |                                     |                |         |             |                                                                       |                                                            |                      |
|        | 00353          | 0221 80 0 90641<br>0760 00 C 00012  | 1.7000         |         | DVP<br>DCT  | TOTAL                                                                 |                                                            | LMK40201<br>LMK40202 |
|        |                | 9029 90 0 00340<br>9131 00 0 00300  |                |         | TRA<br>ECA  | mes.                                                                  | CORRECT RESPONSE ON EACH IMPUT                             | LMK40293             |
|        | 00356          | 0402 00 0 00425                     | 10/01          |         | SUB         | PCENT                                                                 | IS PERCENT GREATER                                         | L MK40205            |
|        | , · · · ·      | 4120 00 0 00344                     | 1//001         | •       | TMI         | MAC                                                                   | IS PERCENT GREATER THAN SPECIFIED ONE VES-RESET IN COUNTER | LNE40206<br>LNE40207 |
|        |                | D. METSINLO                         |                |         |             |                                                                       |                                                            |                      |
| •••    | 09340          | 0534 00 4 00624<br>8634 00 4 00643  |                |         |             | M(M),4                                                                |                                                            | L##40200             |
|        | 00362          | 0074 00 4 00420                     | 10001          |         | SEA<br>TSE  | NCYCS,4<br>(MPUT,4                                                    | READ NEW RECORD                                            | LMK40209<br>LMK40210 |
|        |                | 0600 DO 0 00644<br>0600 DO 0 00641  |                |         | 512<br>512  | RESCT<br>TOTAL                                                        |                                                            | L=040211<br>L=040212 |
|        | 88745          | 8020 00 8 80204                     | 10001          |         | TOA         | BEGIN                                                                 |                                                            | LME40213             |
|        | 00347          | 0534 00 4 00443<br>4 00001 4 00340  | 10001          | MAC     | THE         | MCYCS,4<br>M4B,4,1                                                    | HACE N CYCLES BEEN READ                                    | LMK40214             |
|        |                | 0634 00 4 00643<br>0074 00 4 00376  | 10001          |         | SKA         | MAB,4,1<br>MCYCS,4<br>DOUBSR,4<br>MA(M)<br>1MD1CT<br>1MPUT,4<br>BEG1M | MDBSP IN TIMES                                             | F##46519             |
| -      | 00372          | 9500 00 0 P0623                     | 10001          |         | CLA         | M4(H)                                                                 | MACKSPACE MAIN INPUTS                                      |                      |
|        | 00373<br>00374 | 0441 00 0 04235<br>0074 00 4 00420  | 10001          |         | LDI         | IMDICT                                                                | READ CYCLE AGAIN                                           | LME40223             |
|        | 00375          | 0020 00 0 00704<br>0634 00 4 00415  | 10001          |         | TRA         | BESIN                                                                 |                                                            | LMK40224             |
|        |                | . 9522 .50 4 00001                  | 100001         | 000434  | XEC         | OUTESR,4<br>1,4                                                       | CLA NUMBER OF IMPUTS                                       |                      |
|        |                | 4760 00 0 00244<br>0020 00 0 00403  | 10000          |         | SLT         | 4                                                                     | THE RECORE IMPUT                                           |                      |
|        |                | 0760 00 0 30144                     | 10000          |         | SLW         | 1.4                                                                   | SLN-THE RECORD IMPUT-RESET                                 |                      |
| DIMARY | CARD I         | D. METSIM19                         |                |         |             |                                                                       |                                                            |                      |
|        | 00403          | 0400 60 4 00001<br>0734 00 2 00000  | 10300          |         | ADD+<br>PAE | 1,4<br>G,2                                                            | POURLE NO. OF IMPUTS FOE RECORD COUNT                      |                      |
|        | 00405          | 00000000000                         | 00010          | BACK    |             | .FBST.(222)                                                           |                                                            |                      |
|        |                | 1 00001 0 00403                     |                |         |             |                                                                       |                                                            |                      |
|        | 09497          | 0 04303 0 00446                     | 10100          |         |             |                                                                       |                                                            |                      |
|        | 00411          | 9 90000 0 90417<br>9500 00 0 30047  | 10000          |         | CLA         | SKIP                                                                  |                                                            |                      |
|        |                | 9402 90 0 04005<br>9401 90 0 30047  |                |         | SUB<br>STO  | ONE<br>SKIP                                                           |                                                            |                      |
|        | 00414          | 2 00001 2 00405                     | 10001          |         | TIX         | 84CK,2,1                                                              |                                                            |                      |
|        |                | 0774 00 4 00000<br>.0020 90 4_00002 |                |         | AXT<br>TRA  | ••,4<br>2,4                                                           |                                                            |                      |
|        | 00417          | 0 00000 0 04001<br>C434 00 - 00445  | 10010          |         | PZE         | FILEZ                                                                 | 2515 4515 25552 5224                                       |                      |
|        | 00421          | 90000000000                         | 00010          |         | CALL        | IPTRA,4<br>.FWRD.(.UNGS.                                              | READ WEST RECORD FROM<br>TCYCL1*7000*                      | LMK48225             |
|        |                | 0074 00 4 11400<br>1 00002 0 00404  |                |         |             |                                                                       |                                                            |                      |
|        |                | 0 01303 0 15530                     |                |         |             |                                                                       |                                                            |                      |
| SINARY |                | D. METS1420                         |                |         |             |                                                                       |                                                            |                      |
|        |                | 0 00000 0 15000<br>0 00000 0 00627  |                |         |             |                                                                       |                                                            |                      |
|        | 09424          | 0500 00 0 00405<br>0074 00 + 15400  | 10001          |         | CLA         | A(2)<br>.FCMV4                                                        |                                                            |                      |
|        |                | 0500 00 0 00407                     |                |         | CLA         | C(2)                                                                  |                                                            |                      |
|        |                |                                     |                |         |             |                                                                       |                                                            |                      |
|        | AS             | NETSIM<br>SEMBLED TEXT.             |                |         |             |                                                                       | 04/14/66                                                   | PAGE 11              |
|        | 00431          | 0074_00_4_15400                     | 10011          |         | T\$x        | .FCNV.,4                                                              |                                                            |                      |
|        |                | 0500 00 0 00610                     | 10001          |         | C) A        | 0(2)                                                                  |                                                            |                      |
|        | 00434          | 0074 00 4 15400<br>000000000000     | 10011          |         | 'SX<br>Call | .FCNY.,4<br>.FFIL.'7000'                                              |                                                            |                      |
|        | 00434          | 0074 00 4 06400<br>1 00000 0 00402  | 10011          |         |             |                                                                       |                                                            |                      |
|        |                | 0 04303 0 15530                     | 10100          |         |             |                                                                       |                                                            |                      |
|        | 00440          | 0074 00 4 14460<br>0 00203 0 04001  | 10011          | READ    | TSX<br>PZE  | .READ.4<br>F11.EZE082                                                 |                                                            | LMK40227<br>LMK40228 |
|        | 00441          | 0 00462 0 00+74<br>2 00400 0 27046  | 10101          | MODI    | PZE<br>IORP | EDT, LREAD                                                            |                                                            | C-M-70226            |
|        | 00443          | 4 00001 2 00000                     | 10000          | 1 COIM  | LOCPH       | ****1                                                                 |                                                            |                      |
| •      | 00444<br>00445 | 3 00377 0 27446<br>0774 00 4 00000  | 10000          | EPTRA   | LORT<br>AXT | NOCNT+256,,25                                                         | 5                                                          | LNK40231             |
| RINARY | CARO I         | D. NETSIM21                         |                |         |             |                                                                       |                                                            | C-M-40234            |
|        | 00446          | 0500 00 0 30047                     | 10006          |         | CLA         | SKIP                                                                  | ADD TO NUMBER OF RECORDS READ                              | LNK40232             |
|        | 00447<br>00450 | 0400 00 0 04006<br>0601 00 0 30047  | 10001          |         | ADO<br>STO  | TWO<br>SKIP                                                           |                                                            | LNK40236             |
|        |                | 0020 00 4 00001<br>4500 00 0 00574  | 10000          |         | TRA         | 1,4                                                                   | 1000 CD 00 000 00000 00000                                 | LMK40235             |
|        | 00453          | 0402 00 0 00442                     | 10001          | CHIOXY  | SLW         | OMEREC<br>ICOMM                                                       | TOOD FOR ON RED. SENORY INPUT.                             |                      |
|        | 00454          | 0500 00 0 00573<br>0601 00 0 00443  | 10001          |         | CLA<br>Sto  | NOPP<br>ICOMM+1                                                       |                                                            |                      |
|        | 00456<br>00457 |                                     | 10001          |         | ,STO        | 1COAM+2                                                               | MOSTER PRODUCTION                                          |                      |
|        | 00460          | 0621 00 0 00447                     | 10001<br>1000i |         | STA         | MDONE<br>IPTRA+2                                                      | MOCIFY REDORD COUNTER                                      |                      |
|        |                | 0020 00 0 00151                     | 10001          | IREAD   | TRA<br>Gall | RECSKP<br>.FPRN.(BCDE)                                                | RETURN TO PROGRAM                                          | 1 224 5334           |
|        | 20460          | 0074 00 4 05000                     | 10011          | - 14 79 |             | 3                                                                     | •                                                          | LNK40236             |
|        | 00444          | 0 04303 0 03512                     | 10011          |         |             |                                                                       |                                                            |                      |
|        |                | 0 00000 0 00664<br>00000000000      | 10001          |         | CALL        | .FFIL.                                                                |                                                            |                      |
|        |                | 0074 00 4 06400                     | 10011          |         |             |                                                                       |                                                            | LNK40237             |
|        |                |                                     |                |         |             |                                                                       |                                                            |                      |

| 00471 0420 00 0 00001<br>00472 0020 00 0 46401<br>00473 0070 00 0 00400<br>00474 0074 00 4 14000<br>00475 0 00000000000<br>00476 0074 00 4 04001<br>00476 0074 00 4 04000<br>00477 1 00001 0 00403<br>00500 0 04303 0 03523<br>00501 0 00400<br>00502 00704 00 4 04400<br>00503 1 00000 0 00402<br>00503 1 00000 0 00402 | 10010<br>10011<br>10011<br>10011<br>10010<br>10010<br>10010<br>10010<br>10011<br>10011<br>10011<br>10011<br>10011 | IPR<br>TRA<br>MTR<br>MTR<br>TSX<br>PZE<br>CALL<br>CALL | CLOSE DATA FILE  CLOSE DATA FILE  FILE2  FRAN_IEMBIP1**075*  FFIL.  FURD. I. UNDO., FROIP1*1076*                  | LMK40230<br>LMK40239<br>LMK40240<br>LMK40241<br>LMK40243<br>LMK40244<br>LMK40244 |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|
| RETSIN                                                                                                                                                                                                                                                                                                                   |                                                                                                                   |                                                        | <b>↔</b> /14/46                                                                                                   | PAGE 12                                                                          |
| 00511 0 00000 0 00673                                                                                                                                                                                                                                                                                                    | 10011                                                                                                             | CALE                                                   | .ffil.                                                                                                            | LMK40244                                                                         |
| 00512 0074 00 4 04400<br>00513 1 00000 0 00402<br>00514 0 04303 0 00524                                                                                                                                                                                                                                                  | 10011                                                                                                             |                                                        |                                                                                                                   |                                                                                  |
| 00515 00000000000<br>00515 0074 00 4 10400<br>00516 1 00001 0 00403                                                                                                                                                                                                                                                      | 10011<br>10011<br>00010                                                                                           | CALL                                                   | .FEFT.(.UM93.)                                                                                                    | LML40247                                                                         |
| 00520 0 00000 0 16400<br>00521 0020 00 0 33201                                                                                                                                                                                                                                                                           | 10001<br>10001<br>10001<br>10001                                                                                  | TRA<br>PESS SXA<br>CLA<br>TOE<br>MESSG CALL            | MESS MESSED-1,-0 MESSAG MEDING RESPONSE COUNTER/CYCLE MESSAB MEDING RESPONSE IN THIS CYCLE "FURD. ("UNDO., PESSR) | LMK40249                                                                         |
| 81MARY CARD ID. METSIM24<br>80527 0 04303 0 00532<br>80536 0 09000 0 15000<br>80531 0 09000 0 00553<br>80532 000000000000<br>80532 0074 00 4 04400                                                                                                                                                                       | 10011<br>10001<br>00010                                                                                           | CALL                                                   | .ffil.                                                                                                            |                                                                                  |
| 20533 1 00000 0 00402                                                                                                                                                                                                                                                                                                    | 10011<br>10100<br>10001<br>00010                                                                                  | TRA<br>MESSAB CALL                                     | MESSED<br>«Fird» («UMO»» «ESSII)                                                                                  |                                                                                  |
| 00540 0 04303 0 00535<br>00541 0 00000 0 15000<br>00542 0 00000 0 00542<br>00543 0500 00 00572<br>00544 0074 00 4 15400<br>00545 000000000000                                                                                                                                                                            | 10001<br>10001<br>10011<br>10100                                                                                  | CLA<br>TSX<br>CALL                                     | MESSAG<br>«FCMV»,4<br>«FFIL»                                                                                      |                                                                                  |
|                                                                                                                                                                                                                                                                                                                          | 10011                                                                                                             |                                                        |                                                                                                                   |                                                                                  |
| 00547 D 04303 C 00540                                                                                                                                                                                                                                                                                                    | 10000                                                                                                             | MESSED STZ<br>AXT<br>TRA<br>MESSR BCI                  | MESSAG **** 1,4 7,(35H1MO INCORRECT RESPONSES THIS CYCLE*)                                                        |                                                                                  |
| 00562 740305300160<br>00562 740305300160<br>00563 314523465151                                                                                                                                                                                                                                                           | 10000                                                                                                             | MESSM OCT                                              | 8,(35H) INCORRECT RESPONSES THIS CYCLE • ,14)                                                                     |                                                                                  |
| WETSIM                                                                                                                                                                                                                                                                                                                   |                                                                                                                   |                                                        | 04/14/66                                                                                                          | PAGE 13                                                                          |

00564 252363605125 00565 624746456225 00566 626043303162 00567 602370234325 00570 60'360'733104 00571 346060606060 10000 10000 10000 10000 10000

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BINARY CARD ID. METSINZA
00572 0 00000 0 30040
 10-100 MESSAG PZE
 **STAGE FOR SCHEDULE ROUTING

** STORGE FORM SCHEDULE ROUTING

GOPP MOP

OWERE IGHT ***SCAT**, 256

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 9761 90 0 00000
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 READOP
NUMPIN
NUMPES
C253
BIASCH
A121
B(2)
C121
B(2)
CHTR
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MGPR
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90417 200000000001
90420 200000000001
90423 200000000001
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90424 200000000001
90425 20000000001
90426 900005180000
90427 740730404431
90431 910273053734
90431 91027305373
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90434 927305477319
90435 304031452431
90434 223354731401
90434 223354734401
90435 304031452431
 A2
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C2
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A3
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90001
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86
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620
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00041 0 00000 0 00000
00042 0 00000 0 00000
00043 0 00000 0 00000
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10000
 READS
TOTAL
MIMPS
MCYCS
 INDEX FOR MITRY
 LHK48255
 LHK48258
LHK48257
LHK40258
 INDEX FOR M3(M)
INDEX FOR M3(M)
 METSIM
ASSEMBLED TEXT.
 04/14/44
 PAGE 14
 CORRECT RESPONSE CO MT 5,119H ILLEGAL INPUT MODE////I
 00444
 0 00000 0 00000
 10000
 RESCT
 00445
00446
00447
00450
00431
00452
00453
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74011306031
434325272143
603145476463
604446242561
6161613446060
740407306051
213162256062
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 LMK40241
 8000
 80.0
 9,147H RAISE SIGN BIT TO REPEAT NEXT INPUT, HIT START/// LMK40262
 00453 213162254042

00654 312745402231

00655 636063444051

00456 254725218340

00457 452567634031

00460 303163404243

00461 303163404243

00462 215163616161
 10000
BINARY CARD ID. METSINZP

00643 61345060600
00664 740202306031
00665 4547A4636063
00666 214725608445
00667 5125212242122
00670 432561616161
00671 346060606060
00672 606060606060
00673 746161610306
00673 746161610306
00674 306025452460
00675 646333606231
00677 44645216331
00677 44645216331
 1./)
7.(22H IMPUT TAPE UMREADABLE///)
 10000
 LNK40263
 10000
10000
10000
 BCDE
 LMK40244
 10000
10000
10000
 10000
10000
10000
10000
 ENDIP BCI
 8,1///36H END OF IMPUT. SIMULATION COMPLETE. /1H1)
 LWK40265
 10000
10000
10000
 00677 446443216331
00700 464540234644
00701 474325632533
 10000
 00702 406101300134
00703 0000 00 0 00400
 10000
 BOF
 HTR
 LNK40266
```

67

|         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                             | • NET                            | DAK SII4                                                                       | ULATION PROGRA                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | LNK40268                                                                                                                                              |
|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|----------------------------------|--------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| -       | 00931                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                             |                                  | EQU                                                                            | 25                                                                                                              | SENSE SMITCH 1 OPERATOR CONTROL OF INP SCNSE SMITCH 2 UP DO MOT CONVERT INPUT SENSE SMITCH 2 DOWN - CONVERT INPUT SENSE LIGHT 1=NEGATIVE C-SEY SENSE LIGHT 3=CORNECTNESS OF OUTPUT INDICATOR BIT 2=OMIT I COMPUTE FOR ITERATION INDICATOR BIT 3=INPUT MODE 1 INDICATOR BIT 4 = INPUT MODE 2 INDICATOR BIT 5 = INPUT MODE 3 INDICATOR BIT 5 = INPUT MODE 4 INDICATOR BIT 6 = INPUT MODE 4 INDICATOR BIT 7 OM=MANUAL CHANGE OF MS 8 OM=MANUAL CHANGE OF BIAS 9 OM = SUM. MODE FOR DECISION PROCEDUR 9 OFF=MAXIMUM MODE 10 DN=PRINS G-SETS MAXIMUM NO. OF ITERATIONS | LMK-40269 LMK-40271 LMK-40272 LMK-40273 LMK-40274 LMK-40274 LMK-40276 LMK-40277 LMK-40277 LMK-40279 LMK-40280 LMK-40283 LMK-40285 LMK-40285 LMK-40285 |
|         | 00704 0774 00 1 00000<br>00705 0634 00 1 00723                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                             | PEGIN                            | AXT<br>SXA                                                                     | 0.1<br>1.Evin.1                                                                                                 | TRIALS FOR CONVERGENCE  SET LEVEL-1  SET TO FIRST COMPONENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | LNK40287<br>LNK40289<br>LNK40290                                                                                                                      |
|         | CARD 10. NETSIM30 00704 0500 00 0 04002 00707 0401 00 0 04023 00710 0441 00 0 04235 00711 0055 00 000100 00712 0057 00 000200 00713 0604 00 0 04235 00714 05C 30 1 30055 00715 0401 00 0 04036 00716 0600 00 1 30063 00717 0500 00 0 00573 00720 0401 00 0 01262 00721 (401 00 0 01361 706722 0400 00 0 04017 00723 0774 00 2 00000 00724 0400 00 0 04017 00723 0774 00 2 00000 00724 0400 00 0 04015 00725 0600 00 0 04024 00726 0776 00 0 00000 00777 C454 00 2 00771 00730 0434 00 1 00772 CARD ID. NETSIM31 00731 0760 00 0 00014 | 1400 4<br>10001<br>10001<br>10000<br>10000<br>10001<br>10000<br>10001<br>10001<br>10000<br>10000<br>10000<br>10000<br>10000 | SAVEM<br>ZITER<br>LEVIR<br>BECOM | CLA<br>STO<br>LDI<br>SIR<br>KIR<br>STI                                         | OME LEVCT INDICT 190 250 INDICT MS.1 OLDMS 81AS.1 NOPP REVER1 REVER2 TRIAL ++++++++++++++++++++++++++++++++++++ | SET LEVEL TO 1 FOR PRINTING  LEVEL SUMMING-QATKO TOV SIGNAL  RESET LEVEL ITERATION COUNTER BEGINNING OF LEVEL(2STCOMF) INITIALIZE OF OUTPUTS  BEGINNING OF COMPONENT SAVE LEVEL NUMBER                                                                                                                                                                                                                                                                                                                                                                            | LNK40291<br>LNK40292<br>LNK40293<br>LNK40294<br>LNK40295<br>LNK40297<br>LNK40297<br>LNK40298<br>LNK40299                                              |
| - 6 - 4 | 00732 0500 00 0 04024<br>00733 0400 00 0 04005<br>60734 0401 00 0 04024<br>00735 0500 00 2 30316<br>00734 4734 00 4 00000<br>00737 0434 00 4 04232<br>00740 0434 00 4 01006<br>00741 1 77764 2 00401<br>00742 0734 00 4 00000                                                                                                                                                                                                                                                                                                         | 10001<br>10001<br>10000<br>10000<br>10001<br>10001<br>10011                                                                 |                                  | CLA<br>ADD<br>STO<br>CLA<br>PDX<br>SXA<br>SXA<br>TXI<br>PAX                    | COMCT<br>ONE<br>CONCT<br>XANDY, 2<br>0, 4<br>YYYY, 4<br>AXT3, 4<br>+1, 2, ~12<br>0, 4                           | SAVE YYYY<br>SAVE NO. OF PRIMARY LINES<br>INDEX PAST 12 WORDS<br>NUMBER OF STATE LINES                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | LNK40301<br>LNK40302<br>LNK40303<br>LNK40305<br>LNK40305<br>LNK40306<br>LNK40306<br>LNK40307<br>LNK40308                                              |
|         | NETSIM<br>Assembled text.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                             |                                  |                                                                                |                                                                                                                 | 04/14/66 9/                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | IGE 16                                                                                                                                                |
|         | 00743 0634 00 4 04231<br>00744 0600 00 0 04016<br>00745 7 00000 4 01011<br>00746 0441 00 0 04235<br>00747 0054 00 000002<br>00750 1 00001 1 00401<br>00752 0737 00 1 00000<br>00753 0560 60 2 30303<br>00754 00761                                                                                                                                                                                                                                                                                                                    | 10001<br>10001<br>10001<br>10000<br>10011<br>10000<br>10000                                                                 | SSUM                             | SXA<br>STZ<br>TXL<br>LDI<br>RFT<br>TXI<br>GLA<br>PAC<br>LDQ-<br>QMPYB<br>QADDA | XXXX.4<br>TSUN<br>PRLIN.4.0<br>INDICT<br>2<br>+1.1.1<br>OVAL.1<br>O.1<br>LINE1.2<br>LINE1.2<br>TSUN.0           | SAVE XXXX TEST FOR ZERO STATE LINES TEST I-COMPUTE BIT OUTPUT CALCULATED-TAKE NEW VALUE INDEX FOR DIRECT EFFECTIVE ADDRES                                                                                                                                                                                                                                                                                                                                                                                                                                         | LNK40564<br>LNK40310<br>LNK40311<br>LNK40312<br>SLNK40313<br>LNK40316<br>LNK40315<br>LNK40317                                                         |
|         | CARD ID. NEYSIM32 00766 0601 00 C 04016 00767 1 77777 2 00401 00770 2 00001 4 00753 00771 0774 00 4 00000 00772 0774 00 1 00000 00773 0560 00 0 04016 00774                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                             | AXT2<br>LEVI                     | STO<br>TXI<br>TIX<br>AXT<br>AXT<br>LDQ<br>QMPYA                                | TSUM<br>++1.21<br>SSUM,4,1<br>+00,1<br>TSUM<br>MS,1                                                             | BEGINMING OF COMPONENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | LNK40318<br>LNK40319<br>LNK40320<br>LNK40321<br>LNK40322<br>LNK40323<br>LNK40324                                                                      |
| -       | CARD ID. NETSIM33 01002 00401 00 4 30306 01003 0441 00 0 04235 01004 0056 00 000002 01005 0020 00 0 01011 01004 4774 00 4 00000 01007 4634 00 4 00401 01010 0534 00 4 01006                                                                                                                                                                                                                                                                                                                                                           | 10014                                                                                                                       | AXT;                             | STO<br>LOI<br>RNT<br>TRA<br>AXC<br>SXD<br>TXI                                  | SVAL,4 INDICT 2 PRLIN ++0,4 ++1,4 OPUT,2,++0                                                                    | SAVE COMPUTED S  TEST IF I IS COMPUTED  NO. COMPUTE IT  YES, INDEX TO NEXT COMPONENT  CY-Y  -NO. OF PRIMARY LINES(-Y)  CALCULATE AND SAVE NORMULED I VALUE                                                                                                                                                                                                                                                                                                                                                                                                        | LNK40325<br>LNK40326<br>LNK40327<br>LNK40328<br>LNK40329<br>LNK40330<br>LNK40331<br>LNK40332                                                          |
|         | 01012 7 00000 4 01054<br>01013 0500 00 1 30054<br>01014 0737 00 1 00000<br>01015 0400 00 0 04016<br>01014 0500 00 0 01144<br>01017 0401 00 0 01064<br>01020 0560 40 2 30303<br>01021<br>01024                                                                                                                                                                                                                                                                                                                                         | 10001<br>10000<br>10000<br>10001<br>10001                                                                                   | ISUM                             | TXE<br>CLA<br>PAC<br>STZ<br>CLA<br>STO<br>LJQ+<br>QMPYB<br>QADDA               | AXI3-4<br>OPUT-4-0<br>OVAL-13-1<br>G.1<br>TSUM<br>ILST<br>ICHANG<br>LINE1-2<br>(SUM,0                           | NO. OF PRIMARY LINES YEST FOR ZERO PRIMARY LINES INDEX FOR DIRECT EFFECTIVE ADDRES  SKIP SVAL ON FIRST OUTPUTGARBAGE                                                                                                                                                                                                                                                                                                                                                                                                                                              | LNK40333<br>LNK40334<br>SLNK40335<br>LNK40336<br>LNK40337<br>LNK40338<br>LNK40339<br>LNK40340                                                         |

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| BINARY   | C:AD ID. NETSIM34 01033 0601 00 0 04016 01034 1 77777 2 00401 01035 2 00001 4 01020 01036 0534 00 4 00771 01037 0534 00 1 00772 01040 0560 00 0 04016 01041 01047                                                                                                                                                                | 1001<br>1000<br>10001<br>10001                                                | STO<br>TXI<br>TIX<br>LXA<br>LXA<br>LDQ<br>QMPYA<br>Q4DUB<br>LURATE | TSUM<br>••1,2,-1<br>ISUM,4,1<br>ARTZ,4<br>LEVI,1<br>TSUM<br>MI,1<br>ØIAS,1<br>D=S+1   |       | GET BEGINNING OF COMPONENT,<br>GET LEVEL NUMBER                                               | LNK40341<br>LNK40342<br>LNK40343<br>LNK40344<br>LNK40345<br>LNK40346<br>LNK40347<br>LNK40348 |
|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|--------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|
| BINARY   | CARO 10. NETSIM35<br>01053 0401 00 4 30305<br>01054 0534 00 4 00774                                                                                                                                                                                                                                                              |                                                                               | STO<br>LXA                                                         | IVAL.4<br>AXTZ.4                                                                      |       | SAVE COMPUTED E                                                                               | LMK40350<br>LMK40351                                                                         |
|          | NETSIM<br>Assembled text.                                                                                                                                                                                                                                                                                                        |                                                                               |                                                                    |                                                                                       | 04/14 | 4/66                                                                                          | PAGE 17                                                                                      |
|          | 0105- 040C 00 0 04010<br>01657 0621 00 0 01103                                                                                                                                                                                                                                                                                   | 16001                                                                         | ALS                                                                | OFLIP, . 2NEXT OLD 18 NEW SYAL, 4 0+1 8 0+3 TES 0,0                                   |       | OUTPUT FLIPFLOP GET ADDRESS OF OUTPUT OLC OUTPUT IN DEER NEW OUTPUT IN DEER                   | LMK40352<br>LMK40353<br>LMK40354<br>LMK40355<br>LMK40356<br>LMK40357<br>LMK40358             |
| BINARY   | CARD ID. NETSIN36                                                                                                                                                                                                                                                                                                                |                                                                               |                                                                    |                                                                                       |       |                                                                                               | • • • • • • • • • • • • • • • • • • • •                                                      |
|          | 01070 0100 90 0 00402<br>01071 0140 00 0 01202<br>01072 0401 00 4 00000<br>01072<br>01100 0401 00 0 04015                                                                                                                                                                                                                        | 10001<br>10001<br>10001                                                       | TZE<br>TOV<br>STO<br>GATWO<br>STO                                  | ++2<br>SAT<br>++0,4<br>OSUM+0<br>DSUM                                                 |       | JRATION FOR NEGETIVE OVERFOLM<br>STORE NEW OUTPUT VALUE<br>D TO SUM                           | ENK40365<br>ENK40366<br>ENK40367                                                             |
|          | 01101 4520 00 0 04017<br>01102 0020 00 0 01122<br>01103 0500 00 4 00000<br>01104 0402 60 0 01072<br>01105 0500 00 0 04004<br>01106 0221 60 0 01103                                                                                                                                                                               | 10001<br>10001<br>10001<br>10001<br>0FD                                       | NZT<br>TRA<br>CLA<br>SUB=<br>I.DQ<br>DVP=                          | TRIAL<br>MRCOMP<br>••0,4<br>NEW<br>ZERO<br>OLD                                        |       | VERGENCE TEST FORCE ITERATION<br>COMPARE OLD VALUE<br>WITH NEW VALUE<br>COMPUTE (OLD-NEW)/OLD | LNK40370                                                                                     |
|          | 01107 0760 00 0 00012<br>01110 0020 00 0 01112<br>01111 0131 00 0 00000<br>01112 0760 00 0 00003<br>01113                                                                                                                                                                                                                        | 10000<br>10001<br>10000 OFF<br>10000                                          | OCT<br>TRA<br>XCA<br>SSP<br>QSONE                                  | OFF+1                                                                                 |       | ON OFF                                                                                        | LNK40371<br>LNK40372<br>LNK40373<br>LNK40374<br>LNK40375<br>LNK40376                         |
| BINARY   | CARD 10. NETSIM37                                                                                                                                                                                                                                                                                                                |                                                                               |                                                                    |                                                                                       |       |                                                                                               | C40316                                                                                       |
|          | 01120 4120 00 0 00402<br>01121 0760 00 0 00143<br>01122 0500 00 2 30303                                                                                                                                                                                                                                                          | 10011<br>10000<br>10000 MRCOM                                                 | TMI<br>SLN<br>P CLA                                                | ++2<br>3<br>NEXT+2                                                                    |       | YES<br>NO, SET SWITCH                                                                         | LNK40377<br>LNK40378                                                                         |
|          |                                                                                                                                                                                                                                                                                                                                  | 10001<br>10001<br>10001<br>10000<br>10000                                     | TPL<br>LXA<br>TXH                                                  | BECOM<br>TRIAL,4<br>TRI,4,0<br>INDICT                                                 |       | NO.GET NEXT ONE<br>NO. OF TRIES<br>TEST FOR FIRST ITERATION                                   | LMK40380<br>LMK40383<br>LNK40384                                                             |
|          | 01127 0055 00 000002<br>01130 0500 00 0 01147<br>01131 0601 00 0 01064<br>01132 0604 00 0 04235                                                                                                                                                                                                                                  | 10001<br>10001                                                                | \$70<br>\$11                                                       | 12ND<br>ICHANG<br>INDICT                                                              |       | YES-SET BIT TO OMIT 1 COMPUTED                                                                | LNK40385                                                                                     |
|          | 01133 0774 00 4 00031<br>01134 0020 00 0 00404<br>01135 4760 00 0 00143                                                                                                                                                                                                                                                          | 10000<br>10011<br>10000 TRI                                                   | AXT<br>TRA<br>SLT                                                  | TRYS,4<br>*+4<br>3                                                                    |       | SET UP LOOP CO VERFENCE                                                                       | LNF40384                                                                                     |
|          | CARO ID. FETS[#38<br>01136 0020 00 0 01226<br>01137 6 00001 h 01150<br>01140 0634 00 0 04017<br>01141 0534 00 1 00772<br>01142 0560 00 1 30065<br>01143 4773 00 1 00022<br>01144 4600 00 1 30065<br>01145 0020 00 0 70723<br>01146 0500 00 4 30305                                                                               | 10001                                                                         | TRA TNX S VA L XA L DQ RQL S TQ TRA CLA                            | STABL UNSTA,4,1 TRIAL,4 LEV1,1 OFLIP,1 18 OFLIP,1 LEVIR IVAL,4                        |       | OFF-CONVERGENCE MAXIMUM TAIES FOR CONVERGENCE NOT ENOUGH REVERSE OFLIP START LEVE( AGAIN      | LMK40382<br>LMK40388<br>LMK40389<br>LMK40390<br>LMK40391<br>LMK40392<br>LMK40393             |
|          | NETSIM<br>Assembled text.                                                                                                                                                                                                                                                                                                        |                                                                               |                                                                    |                                                                                       | 04/14 | 766                                                                                           | PAGE 18                                                                                      |
|          | 01147 0400 00 4 30305                                                                                                                                                                                                                                                                                                            |                                                                               |                                                                    |                                                                                       | - 44  |                                                                                               |                                                                                              |
|          | 01150 0020 00 0 01151<br>01151 0500 00 1 30055<br>01152 0402 00 0 30052<br>01153 0120 00 0 00402<br>01154 4754 00 0 00000<br>01155 0401 00 1 30055<br>01156 0401 00 0 04227<br>01157 000000000000<br>01157 0074 00 4 04000                                                                                                       | ATRIAL CORRE                                                                  | TRA                                                                | ISTABLE. REDUCI<br>UNS1<br>MS-1<br>MSTEP<br>++2<br>0,0<br>MS-1<br>AAA<br>BTOF(AAA,+5, |       | STORE NEW MS                                                                                  | LMK40495<br>LMK40405<br>LMK40406<br>LMK40407<br>LMK40409<br>LMK40410<br>LMK40411             |
| D. Carlo | 01160 1 00003 0 00405<br>01161 0 04303 0 03777<br>01162 0 00000 0 04227<br>01163 0 00000 0 04227<br>01164 0 00000 0 04227<br>01165 0000000000000<br>01165 0074 00 4 114,00<br>01166 1 00002 0 00404<br>01167 0 04303 0 04006<br>01170 0 00000 0 15006<br>01171 0 00000 0 33405<br>01172 0500 00 0 04023<br>01173 0074 00 4 15400 | 10011<br>10100<br>10001<br>10001<br>10001<br>00010<br>10011<br>10100<br>10011 | CALL                                                               | •FMRD• (•UNO6                                                                         |       |                                                                                               | LNK40412<br>LNK40413<br>LNK40414                                                             |
|          | 01174 0500 00 0 04227<br>01175 0074 00 4 15400<br>01174 00000000000000<br>01176 0074 00 4 06400<br>01177 1 00000 0 00402<br>01200 0 04303 0 04000                                                                                                                                                                                | 10700<br>10011<br>00010<br>10011<br>10011                                     | CLA<br>TSX<br>CALL                                                 | LEYCT<br>.FCNV5<br>AAA<br>.FCNV4<br>.FFIL.'2048'                                      |       |                                                                                               | LNK40415<br>LNK40416<br>LNK40417                                                             |

market !

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BIMARY CARD ID. NETSIM49
01201 0020 00 0 00722
01202 0500 00 0 04273
01203 0020 00 0 01072
 211ER
-0377777777777
 00001
00001
10001
10001
 CLA
FRA
BSS
BSS
 NEW
 20000000001
200000000001
200000000001
740301304046
44646234444
47445254543
 01204
01205
 HHOLD
SHT
SHFOTP
 01204
01207
C1210
01211
 90001
10000
10000
10000
10000
10000
10000
10000
10000
10000
 7,131H CUTPUT OF COMPONENT TO LARGE =,F9.4)
 01212
 01212 47445254963
01213 606346604321
01214 512725601373
01215 261133043460
01216 740204306031
01217 652143206245
01220 214340314260
01221 634660432151
01222 272560137326
01223 113304344060
 ADDUTP BC1
 4.124H IVAL+SVAL IS TO LARGE +.F9.41
 BINARY CARD ID. NETSHMAL 01224 0 00000 0 00000 10000 HOLD PIE
 NETSIM
ASSEMBLED TEXT.
 04/14/66
 PAGE 19
 MASKE OCT . OUTUT IS
 777777000000
NUM STABLE-TEST FOR RANGE
 01225 777777000000
 10000
 LNK40419
 STABL RIR
LHTM
STI
LDQ
MPY
STO
 01225
 0057 00 000C02

0760 00 0 00010

0600 00 0 4235

0560 00 1 30064

0200 00 0 04036

0500 00 1 30064

0500 00 1 30064

0402 00 0 04034

0020 00 0 01242

0020 00 0 01644

0040 00 0 01571
 0057 00
 000002
 10000
 RESET BIT FOR I-COMPUTE
 10000
10000
10000
10000
10001
10000
10001
10001
 01227
01230
01231
 INDICT
 GET RANGE OF
PERMISSIBLE GUTPUT
 ESUM.1
TENTH
 LNK40421
 01232
01233
 LNK+0422
LNK40423
 TENTH
TEMP
ESUM, 1
OSUM
TEMP
AJUST
ACEPT
ACEPT
 (ESUM-DSUM) 424
GET DIFFERENCE 425
IS CUTPUT IN RANGE
NO-ADJUST BIAS
YES
 CLA
SUB
LAS
TRA
TRA
 01234
 01234
01235
01236
01237
01240
01241
 LNK40426
LNK40427
LNK40428
LNK40429
 10001
 10001
10001
10001
10000
10001
 TRA
 01241
01242
01243
01244
01245
01246
 0441 00 0 01571
0661 00 0 01601
0054 67 000004
0020 00 0 01355
0054 00 000002
 LDI
STO
RFT
ISA
RFT
 AJUST
 BCONTL
 SIAS CONTROL WORD
 DIFF28
 ITER4
01246 0054 00 000002

RINARY CARD 10. METSIM42
01247 0020 00 0 01311
01250 0054 00 000001
01251 0020 00 0 01274
01252 0601 00 0 01600
01253 0131 00 0 00000
01254 4754 00 0 00000
01255 0221 00 0 04024
01256 0131 00 0 00000
01257 0560 00 0 01600
01256 073 00 0 00000
01251 0771 00 0 00000
01261 0771 00 0 00000
01262 0761 00 0 00000
01263 0601 00 0 01575
01264 0400 00 1 30063
01265 0401 00 0 01575
01266 0555 00 000001
01267 0605 00 000001
01267 0605 00 000001
01267 0605 00 000001
01267 0605 00 000001
 10004
10001
10001
 TRA
RFT
TRA
STO
 AJUST2
 AJUST1
DIFF18
 AJUSTO
 (CSUM-ESUM)
 10000
10000
10001
10000
10001
 XCA
PXD
DVP
XCA
LDQ
LLS
ARS
 0.0
COMCT
 - OF COMPONENTS THIS LEVEL - B(6)
 DIFF18
 ATTACH SIGN FOR CHANGE
 10000
 8(6) TO E(9)
CHS INSERTED IF(OSUM2-OSUM1) SIGN DIFFEREN
FROM SIGN GIVIEN TO DBIAS
BIAS-0,EXCEPT WHEN DVERFLOW OF OSUM HAS OC
 OB1
BIAS,1
BIAS,1
 ADD
STO
SIR
STI
CLA
STO
 10000
 10006
10001
10001
 BIAS CONTROL-SIGNALS AJUST 1 FOR NEXT AJUS
 BCONTL
 OSUM
DSUM1
 BASE OSUM FOR TESTING IN LATER AJUSTMENTS
BINARY CARD [D. NETSIM43

01272 0500 00 1 30063

01273 0020 00 0 01602

01274 0401 00 0 01601

01275 0500 00 0 04015

01276 0340 00 0 01572

01277 0020 00 0 00402

01300 0020 00 0 01573

01301 0402 00 0 01574

01302 0401 00 0 01576

01303 0560 00 0 01576

01304 4120 00 0 00403

01305 0162 00 0 01377

01307 0162 00 0 01377
 10000
 BIAS.1
 10001
10001
10001
 TRA
STO
GLA
CAS
TRA
TRA
 AJ2
DIFF28
 RETURN
 BO
TEST TO SEE IF DB HAS SAME DIRECTION
COMPARE FOR SAME
 OSUM
OSUM1
 10001
 10011
 •+2
01 E 9 0 2
 10001
10001
10001
10001
 THE SAME --- OUTPUTS SATURATED OF CHANGE AS DOSUM. IF NOT SIGN ATTACHMENT INSTR FOR DB WILL BE REVERSED.
 OSUM1
DOSUM
DIFFIS
 LDQ
THI
TQP
TRA
TQP
 ++3
++3
KEVSIN
REVSIN
 BUTH PLUS
DIFFER-REVERSE DB SIGN CODING
 10014
 NETSIM
ASSEMBLED TEXT.
 04/14/66
 PAGE 20
 01310 00,0 00 0 00402
01311 0601 00 0 01601
01312 0500 00 0 01601
01313 0560 00 0 01600
01314 4120 00 0 00403
 AJUSTZ STG
CLA
LDQ
THI
 10011
 **2
D1FF28
 10001
10001
10011
 TEST (OSUM2-ESUM) WITH (OSUM1-ESUM) TO SEE IF OSUM2 HAS REACHED OPPOSITE SIDE.
```

START LEVEL AGAIN

LNK40418

1000

SAT

```
SAME SIGN-DSUM2 MUST BE FURTHER CHANGED
BUTH BOUNDRIES ABOUT ESUM FOUND
S.ART ITER. TO REDUCE TO PROPER AMOUNT.
 AJUSTA
AJUSTA
PCENTR
++3
DA1
SET2
 IKA
TOP
 10001
 10001
1001.
1000:
 CLA
TZF
CLA
TRA
PND
HCA
CLA
DYP
DCT
TRA
STO
CLA
DYP
DCT
TRA
ACA
 10000
10001
10001
10001
10001
10001
10001
10000
10000
 9.0
 01325
01326
01327
01330
01331
01332
01333
01334
01335
01336
 AMOUNT OF CHANGE FOR DB USED AMOUNT REQUIRED PCENT GREATER THAN ONE
 0030#
 LARGE
 PCENTS
 80
 0131 03 0 0000
 DB1
PCENTS
 89-80=89(MQ)
OVERFLOW-GREATER THAN 89
 SMALCH
 10000
01337 0131 03 0 30000G

BINARY CARD ID. METSIM45
01340 0402 30 0 01575
01341 2401 04 0 01575
01342 2055 00 000002
01343 0404 00 0 01575
01344 2400 00 13576
01345 0140 90 0 01575
01346 0020 00 0 01575
01350 0760 00 0 01575
01350 0760 00 0 00003
01351 0401 00 0 01367
01352 0055 00 000004
01353 0404 00 0 01574
01355 0500 00 01574
01356 0771 00 00001
01357 0500 00 01601
01360 0763 00 0 300003
01361 0761 00 0 00000
01362 0601 00 0 01574
 10001
10001
 D81
D81
 SUB
STO
SIR
STI
ADO
TOV
TRA
CLA
SSP
 SETZ
 SAVE DB FOR ITER FOR DSUM OVERFLOW
SET CONTROL FOR AJUST2
 10000
10000
10001
1000.
10061
 SCOUTL
 0142-1
10010:
AJ2
001
 BIAS-O, EXCEPT WHER OSUM OVERFLOWS
 RETURN
ON RANGE-ITERATE TO FIND CORRECT VALUE
 AJUST4
 10001
10001
10001
 STO
 RANGE
 51R
511
510
 SET CONTROL FOR AJUSTA
 BCOSTL
 BITER
 10001
10000
10000
10000
 CLA
ARS
LOG
LLS
NOP
STO
 ITER4
 FIERATE IN 1/2 STEPS IN RANGE OF DR
 ÖLFF28
 CHS INSERTED IF DE CHANGES INVERSELY
 BITER
 10. WETSIM46
0430 90 1 30063
0020 00 0 01602
0765 00 000002
0054 00 000002
0020 00 0 01373
0500 00 0 04274
0763 00 0 00000
 BINARY CARD ID.
 01363
01364
01365
01366
01367
 10000
10001
10000
10000
 BIAS,1
AJ2
0
 TO DOSUM.
 TRA
LRS
RFT
TRA
 SMALCH
 SAVE SIGN
 Z
SMALC2 DM
=0010000000000 SET D8=/128/, B19)
O ATTACH SIGN OF D8
 10001
 CLA
 01370
 NETSIM
ASSEMBLED TEXT.
 04/14/66
 01372 0020 00 0 01341
01373 0500 00 0 01575
01374 0400 00 1 30063
01375 0140 00 0 01535
01376 0020 00 0 01602
01377 0500 00 0 01570
01400 0054 00 000010
01401 0500 00 0 0262
01403 0601 00 0 01361
01404 0054 00 000010
01405 0020 00 0 01416
 10001
10001
10001
10001
 SET2
DB1
BIAS,1
TOBIG1
 SAVE FOR NEXT INCREASE
TRUE BIAS VALUE
DOUBLE DB1
 SMALCZ CLA
ADD
TOV
 AJZ
CHGS [N
10
NOPP
 10001
10000
10001
10001
10000
 CLA
RFT
CLA
STO
 REVERI
REVERZ
 STO
 RESET
01405 0020 00 0 01416

BINARY CARD ID. NETSIM47
01406 0055 00 000010
01407 0604 00 0 0157.
01410 0500 00 0 01575
01411 0760 00 0 00002
01412 0601 00 0 0,4575
01413 0767 00 0 00001
01414 0400 00 1 30063
01415 0020 00 0 01602
01416 0057 00 000010
01417 0604 00 0 01571
01420 0500 00 0 01571
01421 0760 00 0 00002
01426 0400 00 1 30063
01423 0601 00 1 30063
01424 0500 00 0 01575
01425 0760 00 0 00002
01426 0771 00 0 00002
01427 0601 00 0 01575
01430 0400 00 1 30063
 10000
10001
10000
10000
10000
 STI
CLA
CHS
STO
ALS
ADD
 BCONTL
 DAI
 061
 1
BIAS, 1
 10001
 TRA
 AJZ
 ITERATE BETWEEN /2+031/
 STI
CLA
CHS
 BCONTL
DB1
 10001
10001
10000
10000
10000
10000
10000
10000
10000
 BIAS,1
BIAS,1
 ADD
 STO
 CLA
CHS
ARS
STO
ADD
 DB1
 081
 BIAS.1
 BINARY CARD ID. NETSIMAR
 1D. NETSIMAB
0020 00 0 01602
0441 00 0 01571
0601 00 0 01601
0054 00 000004
0020 00 0 01355
0054 00 000002
0020 00 0 01450
0056 00 000001
0070 00 0 01572
0560 00 0 01672
0560 00 0 01640
4120 00 0 01640
 01431
01432
01433
01433
01435
01436
01443
01442
01443
01444
01445
01445
01447
01451
 1000
 10001
 BCONTL
DIFF2B
 LDI
STO
 SAVE SIGN OF OSUM
 10000
 RFT
TRA
RFT
TRA
RNT
TRA
 ITER4
 REDUCE LAST DO BY HALF
 10000
10001
10000
10001
 2
ITER2
 I TERO
 AJUST HAS NOT BEEN CALLED YET
OVERFLOW AFTER 1ST PASS OF AJUST
TEST FOR CORRECT DIRECTION OF CHANGE
 OSUMI
OIFFIB
++3
++3
KEVSIN
REVSIN
 1TER1
 10001
 SUB
LDQ
THI
TOP
TRA
TQP
 10001
 0 01403
0 00403
0 00403
0 01377
0 01377
 10001
10011
10001
 4120 00
0162 00
0020 00
0162 00
 4120 00
0162 00
0020 00
0162 00
0500 00
0771 00
 BOTH POSITIVE-OK
DH1 SIGN WRONG-CHANGE SIGN T
 1000i
1000i
 CLA
ARS
STO
SUB
 ITER2
 D81
 REDUCE DOT BY HALF
 10000
10000
 00001
 0 C1575
1 30063
 ADJUST BIAS TO REPRESENT
 DB1/2
```

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A.S. .

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10.00

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BINARY CARD ID. NETSIMS3
 01566 0020 00 0 01401
01567 0 00000 0 00000
01570 0760 00 0 00002
 10011
 NETSIM+1
 RANGE PZE
CHGSIN CHS
BCONTL PZE
OSUM1 PZE
COMCT1 PZE
BITER PZE
 10000
 20000 0 000020
0 00000 0 00000
0 00000 0 00000
0 00000 0 00000
0 00000 0 00000
0 00000 0 00000
 01571
 10000
 10000
10000
10000
 01572
 01573
 01575
01576
01577
 10000
 DOSUM
 PCENTS PZE
 10000
 10000
10000
10000
 PIE
PIE
STO
 BIAS.1
 01600
04601
 0 00000 0 00000
 0 00000 0 00000

0601 00 1 30063

0601 00 0 04227

0441 00 0 04235

0057 00 000002

0604 00 0 04235

0500 00 0 04005
 01402
 AJZ
 STO
 01603
 10001
 LNK40446
 10001
 INDICT
 RESET FOR I-COMPUTED BECAUSE OF CALL TO ADJUST BYPASSING STABLE **
 01605
 RIR
 INDICT
 01606
01607
 10001
10001
10001
 STI
CLA
ADD
 BIASCH
 ICCREMENT BEAS CHANGE COUNTER
 01610
BINARY CARD ID. HETSIM54
01611 0601 00 0 00604
01612 0500 09 0 04036
 10001
 BIASCH
 10001
 CLA
 OLDMS.
 USE ORIGINAL MS
 LUKADAA 7
 01612 0300 00 0 04036
01613 0601 00 1 30055
01614 0500 00 0 0366,
01615 4320 00 0 00626
01616 0100 00 0 00722
91617 00000000000
 10000
1000.
1000.
 STO
CLA
ANA
 MS,1
KEYS
 LMK40448
 TEST FOR BIAS CHANGE PRINTOUT
KEY 20 -- YES IF A ONE BIT
 K20
 10001
 TZE
 TITER
 NETSIM
ASSEMBLED TEXT.
 04/14/66
 PAGE 24
 01617 0074 00 4 04000 10011
01620 1 02003 0 00405 10011
01621 0 04303 0 01554 10100
01622 0 00000 0 04227 10001
01624 0 00000 0 04227 10001
01624 0 00000 0 04227 10001
01625 000000000000 00010
 CALL
 .FHRD. (.UNO6., PCDB) '2091'
 LMK 40450
 01625 0000000000000
01625 0074 00 4 11400
01626 1 00002 0 00404
01627 0 94303 0 04053
01630 0 00000 0 15000
01631 0 00000 0 03626
 10011
 10011
BINARY CARD ID. NETSIMSS
 DENETSIMSS

0500 00 0 04023

0074 00 4 15400

0500 00 0 04227

0074 00 4 15400

0500 00 0 01571

0074 00 4 15400
 LEVCT
.FCNV.,4
AAA
.FCNV.,4
BCCNTL
 01632
01633
01634
01635
 CLA
TSX
CLA
TSX
CLA
TSX
 LNK40451
 LNK40452
LNK40453
 10001
 10011
10001
 LNK40454
 01636
01637
 10011
 00000000000
0074 00 4 06400
1 00000 0 60402
0 04303 0 04053
 01640
 00010
10011
 LNK40455
 01640
G1641
01642
 10011
 01643 0020 00 0 00722
 RE-COMPUTE LEVEL
 LNK40456
 OUTUT FROOM LEVEL IS ACCEPTABLE
 LNK40457
LNK40458
 01644 0514 00 1 00772
01645 0600 00 0 01577
01646 0600 00 0 01577
01647 0560 00 1 30066
01650 4773 00 0 00022
 ACEPT
 EXA
STZ
STZ
 LEV1,1
PCENTE
 10001
 10001
 BCONTL
 LDQ
RQL
CAL
 10000
 OVAL,1
 01650 4773 00 0 00022
01651 4500 00 1 30065
01652 4765 00 0 00022
01653 0621 00 1 30066
 10000
10000
10000
 18
OFLIP,
 LNK40460
LNK40461
 OVAL,1
 10000
 PUT NEW OUTPUT INDEX INTO OVAL
 LNK40463
BINARY CARD ID. NETSIM56
 01654 4600 00 1 30065
01655 0074 00 4 03261
 STU OFLIP+1
TSX PRINT,4
PRIT OUTPPUT FROM LEVEL
 OFLIP.1
 10000
 OLD OVAL INDEX INTO FLIPFLOP
 LNK40464
 10001
 LNK40465
LNK40466
LNK40467
 01656 0500 00 2 30303
01657 0100 00 0 01665
01660 0634 00 2 00723
01661 0500 00 0 04005
01662 0400 00 0 04003
01663 0601 00 0 04023
01664 1 77766 1 00714
 CLA
TZE
SXA
CLA
 NEXT, 2
ULTIM
LEVIR, 4
ONE
 10300
 CHECK FOR LAST LEVEL
 10001
10001
 YES
SAVE BEGINNING OF NEW LEVEL
INCREMENT NEW LEVEL NO FOR PRINT
 LNK40468
 LNK40469
LNK40470
LNK40471
 LEVCT
 ADD
STO
TXI
 10001
 10001
 I NKAGA72
 LNK40473
LNK40474
 SAVEM-1.-10
 INCREMENT LEVEL AND
 BEGIN NEW ONE OUTPUT INTO SMALLER STRING
 CONOLIDATTE
 LNK 40475
 01665
01666
01667
 0500 00 1 30066
0737 00 1 00000
 10000
 ULTIM
 OVAL,1
 CLA
PAC
 10000
 0.1
INDICT
 LOAD PROPER OUTPUT WORD
 01667 0441 00 0 04235
01670 0057 00 000100
01671 0055 00 000200
01672 0604 00 0 04235
 10001
 LDI
RIR
SIR
 100
200
 10000
 STRING SUMMING-QATHO TOV SIGNAL
 INDICT
LEVIR, 2
 1000.
 0535 00 2 00723
0754 00 2 00000
 LNK40478
 -0000
 0.2
 INDEX OF FIRST COMP IN ADDR
```

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| 61MARY CARD ID. NETSIN<br>01744 0 000000<br>01745 0000000<br>01745 0074 00<br>01746 1 00002<br>01747 0 04303<br>01750 0 00000     | 0 04227 10001<br>0000 00010<br>4 11400 10011<br>0 00404 1001!<br>0 04147 10100  | CALL                             | .FWRD.(.UM06., MISH1)*2151*                | LNK40509                                                 |
|-----------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|----------------------------------|--------------------------------------------|----------------------------------------------------------|
| 01751 0 00000<br>01752 0500 00<br>01753 0074 00<br>01754 0500 00<br>01755 0074 00<br>— 01756 000000000000000000000000000000000000 | 0 04114 10001<br>4 15400 10011<br>0 04227 10001<br>4 15400 10011<br>00000 00010 | CLA<br>TSX<br>CLA<br>TSX<br>CALL | MSHCTR  FCMV.,4  AAA  FCMV.,4  FFIL.'2151' | LMK40510<br>1MK40511<br>1MK40512<br>1MK40513<br>1MK40514 |

| METSIM<br>ASSEMBLED TEXT. | 04/14/66 | PAGE | 26 |
|---------------------------|----------|------|----|
|                           |          |      |    |

|        | <b>_01757</b> | 1 09000 0 00  | 402 10011 |          |      |                         |                         |          |
|--------|---------------|---------------|-----------|----------|------|-------------------------|-------------------------|----------|
|        | 01760         | 0 04303 0 04  | 147 10100 |          |      |                         |                         |          |
|        | 01761         | 1 77777 1 00  | 401 10011 |          | 1XT  | *+1,1,-1                | •                       | LNK40515 |
|        | 01763         |               | 732 11101 | MISHZ    | TXH  | HSHLP, 1,               |                         | LNK40516 |
|        |               |               | 001 11017 |          |      |                         |                         |          |
|        |               |               |           | MSHEND   |      | •-•,1                   |                         | LNK40517 |
|        | 01763         | 0774 90 1 00  | 000 10011 | M 2UE UU | 441  | 4-4,1                   |                         | 2444072  |
| BLMARY | CARD I        | D. NETSINGO   |           |          |      |                         |                         |          |
|        | •             | 1 00001 7 00  | 001 11010 |          |      |                         |                         |          |
|        | 01744         | 4634 00 2 02  |           |          | SXD  | OPEND.2                 | SET UP LOOP FOR STKING  | LNK40518 |
|        | 01765         | C535 00 4 27  |           |          | LAG  | KEY.4                   | GET KEY ELEMENT         | LNK40519 |
|        |               |               |           |          | TXI  | **1,*,;                 |                         | LNK40520 |
|        | 01766         | 1 00001 4 00  |           |          |      |                         | 400 COMBABIEON          | LNK40521 |
| -      | 01767         | 0360 00 4 04  |           |          | LCQ  | STRING.4                | FOR COMPARISON          |          |
|        | 01770         | 0600 O* 4 04  |           |          | STZ  | STRING.4                |                         | LNK40522 |
|        | 01771         | 0774 00 4 00  | 000 10000 |          | AXT  | 0,4                     | INITIALIZE COMPARISON   | LNK40523 |
|        | 01772         | 0500 00 4 04  | 043 10001 | CMP      | CLA  | STRING,4                | TEST COMPARISON MODE    | LNK40524 |
|        | 01773         | 0441 00 0 04  |           |          | LDI  | INDICT                  |                         |          |
|        | 01774         | 0054 00 000   |           |          | RFT  | 400                     |                         | LNK40525 |
|        | 01775         | 0400 00 0 04  |           |          | ADD  | CMSUM                   | SUMMATION MODE-ADD ELTS | LNK40526 |
|        |               |               |           |          | TLG  | FORGET                  | TEST FOR FIX OR FORGET  | LNK40527 |
|        | 01776         | 0040 00 0 02  |           |          |      |                         | 1631 FOR TEA OR TOROCT  | LNK40528 |
|        | 01777         | 0601 00 0 04  |           |          | STO  | CHSUM                   |                         |          |
|        | 02000         | 1 77777 4 OG  | 401 10011 |          | TXI  | *+1,4,-1                |                         | LNK40529 |
|        | 02001         | 3 000C., 4 01 | 772 10001 | OPEND    | TXH  | CMP,4,000               | TEST FOR END OF STRING  | LNK40530 |
|        | 020C2         | 00000000000   | 00010     | FIX      | CALL | .FWRU. (.UNO6., PCDC1)* | 2175'                   | LNK40531 |

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02002 00000000000 00010 02002 0004 00 4 11400 10011 02003 1 00002 0 00404 10011 02004 0 04303 0 04177 10100

|            | CARC ID. WETSIMA1 02005 0 00000 0 15000 02004 0 00000 0 03467 02007 0500 00 0 03721 02010 0400 00 0 03721 02011 0601 00 0 03721 02012 0074 00 4 15400 02013 0500 60 0 27047 02014 0074 00 4 15400 02015 000000000000 02017 0074 00 4 04404 02015 0000000000000 02017 1 00000 0 00402 02017 0 04303 0 04177 02020 0500 00 0 04013 02021 0760 00 0 04013 02021 0760 00 0 04013 02022 0020 00 0 02045 02023 00000000000 02023 00000000000 02024 1 00002 0 00404 02025 0 0500 00 12045 02025 0 0500 00 0 02045 02025 0 0500 00 0 02045 02025 0 0500 00 0 02045 02026 0 0500 00 0 03701 02030 0500 00 0 03721 02031 0400 00 0 03721 02031 0400 00 0 03721 02031 0400 00 0 03721 02033 0074 00 4 15400 | 10011<br>1000.<br>10001<br>10001<br>10011<br>10001<br>10011<br>10001<br>10001<br>10001<br>10001<br>10011<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001 | FARGET      | CLA ADD STD TSX CLA TSX CALL  CLA SLM TRA GALL  CLA ADD STD TS: | OPSMUM OPSMUM OFFIL.*2175*  FPL 2 F2 F3 OPSMUM OPSMUM OPSMUM OFFIL* OFFI | PC0011*2184*                                                                                                                       | LMK40532<br>LME40533<br>LMK40534<br>LMK40535<br>LMK40536<br>LMK40537<br>LMK40538 |
|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|
|            | NETSIN<br>Assembled text.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                           |             |                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 04/14/66                                                                                                                           | PAGE 27                                                                          |
|            | 02034 0500 00 0 27047<br>02035 0074 00 1 15400<br>02036 00000000000<br>02037 1 00000 0 00402<br>02037 1 00000 0 00402<br>02040 0 04303 0 04210<br>02041 0500 00 0 04271<br>02043 0601 00 0 04271<br>02043 0600 0 0 04014<br>02045 0621 00 0 02076<br>02046 0500 00 0 3661                                                                                                                                                                                                                                                                                                                                                                                                                        | 10000<br>10011<br>00016<br>10011<br>10001<br>10001<br>10001<br>10001<br>10001                                                                                                             | F1          | CLA<br>TSX<br>CALL<br>CLA<br>ADD<br>STO<br>CLA<br>STA<br>CLA    | IMUM<br>.FChv.,4<br>.FFIL.'2104'<br>MESSAG<br>MESSAG<br>FMIN<br>OG2<br>KEYS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | INCORRECT RESPONSE COUNTER/CYCLE TEST FOR G-NT CHANGE                                                                              | LNK40539<br>LNK40540<br>LNK40541<br>LNK40542<br>LNK40542                         |
| <br>Binary | 02047 0771 00 0 00004<br>CARD ID. NETSIM63                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 10000                                                                                                                                                                                     |             | ARS                                                             | •                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                    | LMK40546                                                                         |
| ,          | 02050 4320 00 0 04005<br>02051 4100 00 0 00207<br>02052 0774 00 1 00000<br>02053 0441 00 0 04235<br>02054 0057 00 000300                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 10001<br>10000<br>10001<br>10000                                                                                                                                                          |             | ANA<br>TNZ<br>AXT<br>LOI<br>RIR                                 | OME<br>SCHED<br>O,1<br>INDICT<br>300                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | GET FIRST LEVEL                                                                                                                    | LMK40547<br>LMK40540<br>LNK40549                                                 |
| * *        | 02055 0404 00 0 04235<br>02054 0500 00 0 04011<br>02057 0401 00 0 04012<br>02040 0421 00 0 02131<br>02041 0421 00 0 02127<br>02063 0421 00 0 02127<br>02064 0500 00 0 04271<br>02065 0401 00 0 02662                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 10001<br>10001<br>10001<br>10001<br>10001<br>10001<br>10001                                                                                                                               |             | STI<br>CLA<br>STO<br>STA<br>STA<br>STA<br>STA<br>CLA<br>STO     | INDICT<br>INEXT<br>NTAGZ<br>DG3<br>DG4<br>DG30<br>DG3+3<br>=1<br>STRING                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | GSUM-TOV SIGNAL INITIALIZE METMORK ADDRESS INITIALIZE STRING COUNTER                                                               | £™440530<br>LMX40551                                                             |
| -          | 02066         0500         00         04224           02067         0402         00         04271           02070         0734         00         00000           02071         0100         00         02643           02072         0434         00         4         03153                                                                                                                                                                                                                                                                                                                                                                                                                    | 10001<br>10001<br>10000<br>10001                                                                                                                                                          |             | CLA<br>SUB<br>PAX<br>TZE<br>SXA                                 | NULEVS<br>=1<br>0.4<br>DNELEV<br>LVCNTR,4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | IN171AL12E LEVEL COUNTER SAVE LEVEL COUNTER                                                                                        |                                                                                  |
| BINARY     | CARD ID. NETSIM64<br>02073 0500 00 1 30066                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 10000                                                                                                                                                                                     | 000         | c                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                    |                                                                                  |
|            | 02074 0621 00 0 02075<br>02075 4774 00 2 00000<br>02076 0560 00 1 00000<br>02077<br>02103 0601 00 0 04037                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 10000<br>10001<br>10000<br>10000                                                                                                                                                          | DG1<br>DG2  | CLA<br>STA<br>AXC<br>LDQ<br>QMPYC<br>STO<br>AXT                 | OVAL,1<br>DG1<br>++0,2<br>++0,1<br>NTAG2,0<br>FACT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | GET LOCATION OF OUTPUT<br>FOR THIS LEVEL<br>GET OUTPUT INDEX<br>GET F VALUE (+OR~)                                                 | LNK40552<br>LNK40553<br>LNK40554<br>LNK40555<br>LNK40556<br>LNK40557             |
|            | 02105 0434 00 4 04030 02106 4774 00 2 00013                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                           |             |                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | SAVE NO. OF PRIMARY LINES(Y) SAVE NO. OF STATE LINES(X) SAVE LEVEL NUMBER                                                          | LNK40558<br>LNK40559<br>LNK40560<br>LNK40561<br>LNK40562                         |
|            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 10000<br>10001                                                                                                                                                                            |             | PAX<br>SXA<br>SXA                                               | 0,4<br>0G3.5,4<br>LEVNO.1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | SAVE NO. OF PRIMARY LINES(Y)  SAVE NO. OF STATE LINES(X) SAVE LEWEL MINNES                                                         | LNK40563<br>LNK40565<br>LNK40566                                                 |
|            | NETSIM<br>Assembled text.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                           |             |                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 64/14/66                                                                                                                           | LNK40569<br>PAGE 28                                                              |
|            | 02115 0500 00 1 30066                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 10000                                                                                                                                                                                     |             | JLATIOON<br>CLA                                                 | OF MEAN OF IN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Puţ                                                                                                                                | LNK40571                                                                         |
| BINARY     | CARD ID. NETSIM65<br>02116 0737 00 1 00000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                           |             |                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                    | LNK40572                                                                         |
|            | 02117 4774 00 2 00014<br>02120 0634 00 2 02176<br>02121 3 00000 4 02125<br>02122 0774 00 4 00002                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 10000<br>10001<br>10001                                                                                                                                                                   |             | AXC<br>SXA<br>TXH<br>AXT                                        | 0.1<br>12.2<br>DG3.6.2<br>DG30-2.4.0<br>2.4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | INDEX FOR DIRECT EFF. ADDR. GET INDEX OF 1ST IMPUT LINE SAVE FOR FURTHER USE DO STATE LINES YES- SET UP LOOP FOR                   | LNK40573<br>LNK40574<br>LNK40575                                                 |
|            | 02123 0634 00 4 04030 02124 0020 00 0 02313 02125 0600 00 0 04016                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 10001<br>10001<br>10001                                                                                                                                                                   |             | SXA<br>TRA                                                      | GSET.4<br>DG6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 2 PRIMARY GSETS                                                                                                                    | LNK40577<br>LNK40578<br>LNK40579                                                 |
|            | 02126 0600 00 0 04041<br>02127 0500 00 2 30303                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 10001                                                                                                                                                                                     |             | 577                                                             | TSUM<br>N<br>Next.2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | INITIALIZE SUM                                                                                                                     | LNK40580                                                                         |
|            | 02130 4120 00 0 02150<br>02131 0500 00 2 30301<br>02132 4120 00 0 02150                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 10001                                                                                                                                                                                     | DG31<br>DG3 | THE                                                             | DG3.1<br>NEXT.2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | GET LINE SIGN FOR PLUS SET TEST<br>NO PLUS LINE SET-STATE/PRIMARY<br>GET LINE FOR END OF SET TEST<br>SIGN CHANGE - TEST FOR ERROR. |                                                                                  |
|            | 02133 0140 00 0 03231<br>02134 0500 60 2 30303                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 10001<br>10001<br>10000                                                                                                                                                                   |             |                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | SIGN CHANGE - TEST FOR ERROR.<br>GET LINE INPUT                                                                                    | v                                                                                |
|            | 02135 0771 00 0 00006<br>02136 4625 00 0 04113<br>02137 0400 00 0 04016                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 10001<br>10001<br>10001                                                                                                                                                                   |             | ARS<br>STL<br>ADD<br>TOV                                        | DFLOM<br>NEXT,2<br>6<br>OFLOC<br>TSUM<br>OFLOW                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | GET LIME IMPUT<br>B(1) TO B(7)                                                                                                     |                                                                                  |
| ·          | e sena erres en esta e                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                           |             |                                                                 | nanaganakan kananan arawa ke-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                    |                                                                                  |

| 02142 0500 00 0 04001 02143 0400 00 0 04005 02144 0401 00 0 04041 02145 1 77777 2 00401 02144 2 00001 4 02131 02147 1 77777 4 00401 02150 0500 00 0 04041 02151 0441 00 0 04235 02152 0054 00 002000 02153 0100 00 0 02477 02154 0054 00 002000 02155 3 00000 4 02477 02154 4100 00 0 02167 02157 0055 00 002000 02160 0404 00 0 04235 02141 0500 00 0 04030 02142 0402 00 0 04030                                                                     | 10001                                                                                                                                        | STO<br>CLA<br>ADD<br>STO<br>TXI<br>TIX<br>CLA<br>LDI<br>TZE<br>RFT<br>TXH<br>TML<br>SIR<br>CLA<br>SUG<br>STO  | TSUM H OME H 0+1,2,-1 D53,4,1 +1,4,-1 NIMDICT 2000 LIMERR 2006 LIMERR,4,0 DG3.2 2000 INDICT GSET OME | TEDUCES IR4 TO ZERO IF MINUS GSET FINISME COMPUTE MEAN FOR SET NO LINES IN SET MONINUS SIGN - ERROR MINUS GSET - TEST TO SEE FF FINISMED IF GT. O, SIGN CHANGE BEFORE INO, OF MINU END OF GSET OK SET FOR MINUS SET INCREMENT C-VALUE INDEX AND SET COUNTER |                                                                                              |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|
| BIMARY CARD ID. METSIMAT OZIGA 0500 00 0 02512 02164 0500 00 0 02513 02164 0020 00 0 02131 02167 0500 00 0 04016 02170 0131 00 00000 02171 4754 00 0 00000 02172 0221 00 0 04041 02173 0763 00 9 00000 02174 4600 00 0 04042                                                                                                                                                                                                                           | 10001<br>10001<br>10001 063.2<br>10000<br>10000<br>10001<br>10000                                                                            | CLA<br>STO<br>TRA<br>CLA<br>XCA<br>PXD<br>DVP<br>LLS<br>STQ                                                   | SPLUS<br>DG3+1<br>DG3<br>TSUM<br>O, O<br>N<br>B<br>MEAN                                              | CHAMGE LINE SIGM TEST TO MIMUS LINES                                                                                                                                                                                                                        |                                                                                              |
| NETSIM<br>Assembled text.                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                              |                                                                                                               |                                                                                                      | 04/14/66                                                                                                                                                                                                                                                    | AGE 27                                                                                       |
| 02175 0774 00 4 00000<br>02174 0774 00 2 00000<br>02177 0400 00 0 04040<br>02200 0500 60 2 30303<br>02201 0402 00 0 04042                                                                                                                                                                                                                                                                                                                              | 10000 DG3.5<br>10000 DG3.4<br>10001<br>10000 DG4<br>10001                                                                                    |                                                                                                               | #10,4<br>##0,2<br>GSUM<br>NEXT,2<br>MEAN                                                             | NUMBER OF INPUT LINES INDEX OF NEXT INPUT LINE INITIALIZE SUM OF G-WEIGHTS GET NEXT INPUT (X-MEAN)                                                                                                                                                          | LMK40595<br>LMK40596<br>LMK40597<br>LMK40599<br>LMK40599<br>LMK40600<br>LMK40601<br>LMK40602 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 10000<br>10011<br>10001                                                                                                                      | ACA<br>VOT<br>STL<br>VPM<br>ODGAG                                                                             | •+1<br>OFLOC<br>FACT,O<br>NTAG2,O                                                                    |                                                                                                                                                                                                                                                             | LNK40603<br>LNK40604<br>LNK40605<br>LNK40606<br>LNK40509                                     |
| 02243 0760 00 0 00003<br>02244 0441 00 0 04235<br>02245 0054 60 001000<br>02246 0074 00 7 02522<br>02247                                                                                                                                                                                                                                                                                                                                               | 10001<br>10000<br>10001<br>10000<br>10001                                                                                                    | XCA<br>SLQ+<br>XCA<br>SSP<br>LDI<br>RFT<br>TSX<br>QATWO                                                       |                                                                                                      | STORE NEW G-WEIGHT  ADD TO SUM OF G-WEIGHTS                                                                                                                                                                                                                 | LNK40610<br>LNK40611<br>LNK40612<br>LNK40613                                                 |
| BINARY CARD ID. NETSINTO 02255 1 77777 2 00401 02256 0500 40 0 04012 02257 0441 00 0 04235 02260 0054 00 002000 02261 0020 00 0 00402 02262 4120 00 0 00263 02263 2 00001 4 02200 02264 0020 00 0 02303 02265 4625 00 0 0 02476 02266 0020 00 02334 62267 0774 00 4 00000 02270 60001 4 02307 02271 0634 00 4 02175 02272 3441 00 0 04235 02273 0055 00 002000 02274 0404 00 0 04235 02275 0500 00 0 02512 02276 0401 00 0 02132 02277 0400 00 0 04041 | 10001<br>10000<br>10010<br>10001<br>10001<br>10001<br>10001<br>10000<br>10001<br>10000<br>10001<br>10000<br>10001<br>10001<br>10001<br>10001 | CLA-<br>LOI<br>RFT<br>TRA<br>TMI<br>TIX<br>STL<br>TRA<br>AXT<br>TNX<br>SXA<br>LOI<br>SIR<br>STI<br>CLA<br>STZ | 2000<br>INDICT<br>SPLUS<br>DG3+1<br>N                                                                | CHECK FOR NEG. G-SET  ON- DO NOT TEST OFF-TEST GET NEXT INPUT LINE END OF STATE (OR PRIMARY) LINE END OF POSITIVE G-SET NORMALIZE G-WEIGHTS  SAVE IR4  TEST FOR END OF X OR Y LINES  NO-SET SW FOR NEG G-SET  CHANGE LINE SIGN TEST                         |                                                                                              |
| 02300 0600 00 0 04016<br>02301 0522 00 0 02176<br>02302 0020 00 0 02131<br>02303 0057 00 002000<br>02304 0604 06 0 04235<br>02305 4625 00 0 02476<br>02306 0020 00 0 02334                                                                                                                                                                                                                                                                             | 10001<br>10001<br>10001<br>10000 DIFF2<br>10001<br>10001                                                                                     | STZ<br>XEC<br>TRA<br>RIR<br>SYI<br>STL<br>TRA                                                                 | TSUM<br>DG3.6<br>DG3<br>2000<br>Indict<br>NTRA<br>NORM                                               | GET NEXT INPUT LINE FOR MEAN DO MINUS LINES END OF NEG G-SET  NORMALIZE G-WEIGHTS                                                                                                                                                                           | LNK40628<br>LNK40629<br>LNK40630                                                             |

|        | AS             | NETSIR<br>SEMBLED TE:          | zī.            |                |               |                  |                             | 04/14/66                                                         | P&4E 30                  |
|--------|----------------|--------------------------------|----------------|----------------|---------------|------------------|-----------------------------|------------------------------------------------------------------|--------------------------|
|        |                |                                |                |                |               | 35 × 1005        | A FIME?                     |                                                                  | LMK40631                 |
|        | 02307<br>02310 | 0534 00 4<br>0500 00 0         |                | 10001          |               | LXA              | GSET.4                      | TEST FOR END<br>RESET LINE SIGN TEST                             | LHK40432                 |
|        | 02311          | 0601 00 0                      | 02132          | 10001          |               | 210              | DG3+1                       |                                                                  |                          |
|        | 02312          | 6 00001 4                      | 02604          | 10001          | • PRE         | TMX<br>LRE (FFX) | ELEMD:4.1<br>DIZI FOR PRIMA | OF COMPONENT<br>RY INPUT                                         | LNK40633<br>LNK40634     |
|        |                | 0534 00 1<br>1 77776 1         |                | 1000i<br>10011 | DG4           | LXA              | LEVMO                       | LEVEL NUMBER<br>GET INDEX OF F(1)                                | L9440635<br>L9440636     |
|        | 02315          | 0522 00 O                      | 02074          | 10001          |               | REC              | DCS                         | LDQ F(1)                                                         | LMK40637                 |
|        | 02314          | 0522 00 0                      | G2075<br>O2317 | 10001          |               | XEC<br>OMP YC    | DG1<br>NTAG2.G              | GET INDEX OF /<br>FRO                                            | LMK40638<br>LMK40639     |
|        |                |                                |                |                |               |                  |                             |                                                                  |                          |
| BINARY | 02323          | D. 4ETS1#7;<br>  D601   OO   O | 04037          |                |               | STO              | FACT                        |                                                                  | LME40640                 |
|        |                | 0534 00 1<br>0500 00 1         |                | 10001          |               | LXA<br>CL4       | LEVMO.1                     | LEVEL NUMBER (NOEX FOR OUTPUT OF PREVIOUS LEVEL(PRIMARY!/P)      | LMK40441<br>LMK40442     |
|        | 02326          | 07?7 OO 1                      | 00000          | 10000          |               | PAC              | 0.1                         |                                                                  | LNK40643<br>LNK40644     |
|        | 02330          | 7 00000 4                      | 02404          | 10000          | 1290#         | TAL              | ••0,4<br>ELEND,4,0          | HUMBER OF PRIMARY LINES<br>TEST FOR ZERG PRIMARY LIMES           | LW40645                  |
|        |                | 0434 00 4<br>0522 00 0         |                | 10001          |               | SXA<br>XEC       | 0G3.5,4<br>DG3.4            | SAVE Y FOR 2ND LOOP<br>GET INDEX OF NEXT 1/P LINE                | UNK40646<br>UNK40648     |
|        |                | 00:0 00 0                      |                | 10001          |               | TRA              | DG30-2                      | PRUCESS OF FOR PRIMARY LINES                                     | LNK40650                 |
|        |                |                                |                |                |               |                  | IS IN A G-SET.              | I'VE WILL MORMALIZE                                              | LNK40651                 |
|        |                | 4634 00 2<br>4634 00 2         |                | 10001          | NOR M         | SXD<br>SXD       | NORM1,2<br>YORM4,2          | SAVE IMPUT OF MEXT T/P LINE                                      | LMK40652<br>LMK40653     |
|        | 02336          | 0634 00 4                      | 02267          | 10001          |               | SXA              | D1FF1+2,4                   |                                                                  | •                        |
|        |                | 0534 00 2<br>1 77770 2         |                | 10001          |               | TXI              | GSET,2<br>•+1,2,-8          | GET 140EX OF CORREST<br>CONSTANT FOR SUM OF G S                  | LMK40654<br>LMK40655     |
|        |                | 0500 60 0<br>0402 00 0         |                | 10001          |               | CLA+<br>SUB      | NTAG2<br>GSUM               | GET CONSTANT SUM<br>COMPARE WITH COMPUTED SUM                    | LNK40656<br>LNK40657     |
|        | 02343          | 4340 00 0                      | 04021          | 10001          |               | LAS              | 1018                        | IF DIFFERENCE IS SMALL,<br>GS ARE WORMALIZED                     | LNK40658                 |
|        |                | 0020 GO 0                      |                | 10011          |               | TRA<br>Tra       | +3<br>NORMS                 | GS ARE WORMALIZED                                                | LMK40659<br>LMK40660     |
|        |                |                                | _              | ••••           |               |                  |                             |                                                                  | 2                        |
| DIMAKT | 02346          | D. NETSIM7<br>0020 00 0        | 02470          |                |               | TRA              | NORH5                       |                                                                  | LMK40441                 |
|        |                | 0601 00 0<br>0765 00 0         |                | 10001          |               | STO<br>LRS       | DIFF                        | STORE DIFFERENCE<br>SAVA SIGM OF DIFFERENCE                      | LMK40662<br>LMK40663     |
|        |                |                                |                |                |               | UTE SUUM         | OF UNSATURATE               | 0 G S                                                            | LNK40664<br>LNK40665     |
|        | 02352          | 0522 00 0                      | 04040          | 10001          |               | XEC<br>STZ       | DG3.6<br>GSUM               | GET FIRST INPUT LINE OF G-SET                                    | LIEK40660                |
|        |                | 0600 00 0<br>0500 60 0         |                | 10001          | UNSAT         | STZ<br>CLAo      | NUGHTS<br>NTAG2             | RESET G COUNTER OFR DG NORM OPERATION CHECK S-WT FOR             | LINK40447                |
|        | 02355          | 4320 00 0                      | 04007          | 10001          |               | ANA              | MASK                        | SATURATION                                                       | LNK40668                 |
|        |                | 0340 00 0<br>0162 00 0         |                | 10000          |               | CAS<br>TOP       | GSAT<br>INCR                | IF DIFF IS +, SATURATED                                          | LNK40669<br>LNK40670     |
|        |                | 0162 00 0<br>4100 00 0         |                | 10001          |               | TOP<br>TNZ       | INCR                        | RELOW SAT. VALUE-UMSAT TE MON-                                   | LNK40671<br>ZEROLNK40672 |
|        | 02362          | 9162 00 0                      | 00402          | 10011          |               | TOP              | +3<br>+2<br>IHCR            | BELOW SAT. VALUE,UMSAT IF NON-<br>G-MT ZERO, DIFF +, UMSATURATED | LNK40473                 |
|        | 02364          | 0020 00 0<br>0601 00 0         | 03573          | 10001          |               | TRA<br>STO       | SGMT                        |                                                                  | D [MK40674               |
|        |                | 0500 00 0<br>0400 00 0         |                | 10001          |               | CLA<br>ADD       | NUGWTS<br>=1                | COUNT OF GS IN SUM                                               |                          |
|        | 02367          | 0601 00 0                      | 02603          | 10001          |               | STO              | NUGHTS                      |                                                                  |                          |
|        | 02370          | 0441 GO 0                      | 04235          | 10001          |               | FDI              | INDICT                      |                                                                  |                          |
|        |                | NETSIM                         |                |                |               |                  |                             | 04/14/66                                                         | PAGE 31                  |
|        | AS             | SEMBLED TE                     | xT.            |                |               |                  |                             | 04714700                                                         | PROC 31                  |
| BINARY |                | D. NETSIMT                     |                |                |               |                  |                             |                                                                  |                          |
|        |                | 0054 00 1<br>0074 00 7         |                | 10000          |               | RFT<br>TSX       | 1000<br>SQGWT,7             |                                                                  |                          |
|        |                | 0500 00 C                      |                | 10001          |               | CLA              | SGWT                        |                                                                  |                          |
|        | 02401          | 0601 00 0                      | 04040          |                |               | QATWO<br>STO     | GSUM.O<br>GSUM              | UNSATURATEDADD TO SUM                                            | LNK40675<br>LNK40676     |
|        |                | 1 77777 2<br>3 00000 2         |                | 10011          | INCR<br>NORM1 | TXI<br>TXH       | *+1,2,-1<br>UNSAT,2,**0     |                                                                  | LNK40677<br>LNK40678     |
|        |                | 0500 00 0<br>0601 00 0         |                | 10001          |               | CLA<br>STO       | GSUM                        |                                                                  | LNK40483                 |
|        | 02406          | 0600 00 0                      | 04040          | 10001          |               | STZ              | GSUM1<br>GSUM               |                                                                  | LNK40685                 |
|        | 02407          | 0522 00 0<br>0500 60 0         | 02176<br>04012 | 10001          | NOR M2        | XEC<br>CLA+      | DG3.6<br>NTAG2              | INDEX OF FIRST I/P LINE                                          | LNK40486<br>LNK40687     |
|        | 02411          | 4320 00 0                      | 04007          | 10001          |               | ANA              | MASK                        |                                                                  | LNK40488                 |
|        |                | 0560 00 0<br>0340 00 0         |                |                |               | LDQ<br>CAS       | DIFF<br>GSAT                | GET SIGN OF DIFFERENCE<br>COMPARE WITH SATURATION PT.            | LNK40689<br>LNK40690     |
| BINARY | CARD I         | D. NETSIM7                     | 5              |                |               |                  |                             |                                                                  |                          |
|        | 02414          | 0162 00 0<br>0162 00 0         | 02457          |                |               | TQP<br>TOP       | NORM3                       | SATURATED                                                        | LNK40691                 |
|        | 02416          | 4100 00 0                      | 00403          | 10011          |               | TNZ              | NORM3                       | SATURATED<br>UNSAT                                               | LNK40692<br>LNK40693     |
|        | 02420          | 0162 00 0<br>0020 00 0         | 02457          | 10001          |               | TQP<br>Tra       | +>2<br>NORM3                | UNSAT<br>Sat                                                     | LNK40694<br>LNK40695     |
|        | 02421          | 0560 00 0<br>0441 00 0         | 04004          | 10004          |               | LOQ              | ZERO                        | UNSATURETED-ADJUST                                               | L4070873                 |
|        | 02423          | 0054 00 (                      | 001000         | 10000          |               | LD[<br>RFT       | 1000<br>1000                |                                                                  |                          |
|        | 02424          | 0074 00 7<br>0765 00 0         | 02533<br>00006 | 10007          |               | TSX<br>LRS       | DLTSQG,7                    | P(7)                                                             |                          |
|        | 02426          | 0221 00 0<br>0760 00 0         | 03155          | 10001          |               | DVP              | GSUM1                       | (Ho) ALWAYS GREATER THAN GHT-8(0)                                |                          |
|        | 02430          | 0074 00 6                      | 02576          | 10001          |               |                  | GNG . 6                     |                                                                  |                          |
|        | 02432          | 0200 00 0<br>0763 00 0         | 00006          | 10005          |               | MPY<br>LLS       | DIFF<br>6                   | F(6)+B(0) = B(6)<br>F(_) D=GWT                                   |                          |
|        | 02433          | 0401 60 0<br>4140 00 0         | 04012          | 10004          |               | ADM+<br>TNO      | NTAG2                       | ADD INCREMENT                                                    | LNK40698                 |
|        | 02435          | 4120 00 0                      | 02445          | 10001          |               | THI              | *+3<br>SETOZE               | GHT IS REAL NOT MODULAR                                          |                          |
|        | UZ436          | 0500 00 0                      | 30053          | 10000          |               | CLA              | GSAT                        |                                                                  |                          |

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The State of 
| olukky | 02037 4<br>02040 4<br>02040 4<br>02042 6<br>02043 6<br>02043 6<br>02043 6<br>02043 6<br>02043 6<br>02043 6<br>02043 6<br>02053 6<br>02053 6<br>02053 6 | NETSINTO 120 00 0 02445 320 00 0 04007 320 00 0 04007 320 00 0 30053 320 00 0 30053 320 00 0 30053 320 00 0 00402 3754 00 0 00402 3754 00 0 00000 3131 00 0 00000 3131 00 0 00000 3131 00 0 00000 3131 00 0 00000 3131 00 0 00000 3131 00 0 00000 3131 00 0 00000 3131 00 0 00000 3131 00 0 00000 3131 00 0 00000 3131 00 0 00000 3131 00 0 00000 3131 00 0 00000 3131 00 0 00000 3131 00 0 00000 3131 00 0 00000 3131 00 0 00000 3131 00 0 00000 3131 00 0 00000 3131 00 0 00000 3131 00 0 00000 3131 00 0 00000 3131 00 0 00000 3131 00 0 00000 3131 00 0 00000 3131 00 0 00000 3131 00 0 00000 3131 00 0 00000 3131 00 0 00000 3131 00 0 00000 3131 00 0 00000 3131 00 0 00000 3131 00 0 00000 3131 00 0 00000 3131 00 0 00000 3131 00 0 00000 3131 00 0 00000 3131 00 0 00000 3131 00 0 00000 3131 00 0 00000 3131 00 0 00000 3131 00 0 00000 3131 00 0 00000 3131 00 0 00000 3131 00 0 00000 3131 00 0 00000 3131 00 0 00000 3131 00 0 00000 3131 00 0 00000 3131 00 0 00000 3131 00 0 00000 3131 00 0 00000 3131 00 0 00000 3131 00 0 00000 3131 00 0 00000 3131 00 0 00000 3131 00 0 00000 3131 00 0 00000 3131 00 0 00000 3131 00 0 00000 3131 00 0 00000 3131 00 0 00000 3131 00 0 00000 3131 00 0 00000 3131 00 0 00000 3131 00 0 00000 3131 00 0 00000 3131 00 0 00000 3131 00 0 00000 3131 00 0 00000 3131 00 0 00000 3131 00 0 00000 3131 00 0 00000 3131 00 0 00000 3131 00 0 00000 3131 00 0 00000 3131 00 0 00000 3131 00 0 00000 3131 00 0 00000 3131 00 0 00000 3131 00 0 00000 3131 00 0 00000 3131 00 0 00000 3131 00 0 00000 3131 00 0 00000 3131 00 0 00000 3131 00 0 00000 3131 00 0 00000 | 10001<br>10000<br>10000<br>10000<br>10000<br>10000<br>10000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | TME TABA CAS CAA TRA TRA TPA TOST PRO LOGO LLS SCA SCA SSP LDI RFT TSX BATHO     | SETOLE IMASA GSAT GSAT GSAT GSAT GSAT GSAT GSAT G                                           | 15 MEW C OVER SATURATED VES-SET TO MAXIMUM EMMAL TO MAX TEST FOR LEND MECOVER ORIGINAL SIGN STORE MEW G VALUE | LUMA 6 LUMA0767 LUMA0767 LUMA0702 LUMA0703 LUMA0706 LUMA0706 LUMA0706 LUMA0709 LUMA0709 LUMA0719                     |
|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|
|        |                                                                                                                                                        | METSIM<br>EMOLED IERT.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                  |                                                                                             | 94/14/66                                                                                                      | , ,                                                                                                                  |
| BENARY | 82464<br>82465<br>82464<br>82467<br>82470<br>82471<br>82472<br>82473<br>82473                                                                          | 9500 00 0 040X<br>9402 00 0 040X                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 10011   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   10001   1000   | TRA                                                                              | CSUM<br>**1,2,-1<br>**10,000,2,-,**6<br>**********************************                  | TEST FOR END OF 6-SET<br>VES-TEST NORMALIZATION<br>STORE INDEX OF NEXT 1/P LINE<br>WORK ON NEXT 6-SET         | LMI46712<br>LMI46713<br>LMI46714<br>LMI46716<br>LMI46716<br>LMI46716<br>LMI46719<br>LMI46719<br>LMI46720<br>LMI46721 |
|        | 02476<br>82477<br>62477<br>62500<br>62501<br>62502                                                                                                     | 4774 80 2 0000<br>8020 90 2 0000<br>90000000000<br>9074 80 4 1140<br>1 00002 0 0040<br>0 94733 0 0242<br>0 90000 0 0251                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 0 10011<br>0 10011<br>0 10011<br>0 10011                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | INCER CALL                                                                       | ••6.2<br>.fymb.(. <b>/**6</b> 6.                                                            | retulen<br>.olimari                                                                                           | LMC40722                                                                                                             |
| PERIO  | V CARD II<br>32504<br>02504<br>02505<br>02506<br>02507<br>02507                                                                                        | 0. WETS!#78<br>000000000000<br>0074 00 4 0446<br>1 00000 0 0046<br>0 04303 0 0243<br>000000000000<br>1 00000 0 0046                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 00010<br>0 10011<br>2 10011<br>0 10100<br>00010                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | CALL                                                                             | .FFIL.                                                                                      |                                                                                                               |                                                                                                                      |
|        | 92511<br>92512<br>92513<br>92514<br>92515<br>92516<br>92517<br>92529<br>92521<br>92522                                                                 | 0 04303 0 0241<br>0120 00 0 0213<br>4120 00 0 0213<br>746211300124<br>274043314525<br>646231274540<br>465146234444<br>446360255151<br>445133344040<br>0131 00 0 000<br>0200 60 0 040<br>0140 00 0 004                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 100000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 100000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 100000 100000 100000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 1 | SPLUS TPL<br>SPLINUS TPL<br>SPLINUS BCI<br>LINRR BCI<br>SQGWT XCA<br>MPY-<br>TOY | 063-1<br>063-1<br>6:(29H10G L1                                                              | TEST FOR END OF PINUS GSET TEST FOR END OF PLUS GSET NE SIGN OR COUNT ERNOR.) SOURCE CHEIGHT                  |                                                                                                                      |
| BINA   | 02525<br>02526<br>02527<br>02537<br>02531<br>02532<br>02533<br>02534<br>02537<br>02536                                                                 | 10. NETSIMTY 0771 00 0 009 4425 00 0 041 0760 00 000 0440 00 0 000 0440 00 0 000 0540 00 0 000 0540 00 0 040 0540 00 0 040 0540 00 0 040 0540 00 0 040 0540 00 0 040 0540 00 0 040 0540 00 0 040 0540 00 0 040 0540 00 0 040                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 13 10001<br>03 10000<br>40 10001<br>31 10001<br>06 10000<br>12 10001<br>12 10001<br>17 10001<br>10 10000<br>55 10001<br>12 10000<br>76 10001<br>132 10001                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | ARS STL SSP ADD TOV TRA DLTSOG LDQ- STO LRS DVP DCT TSX RPY LLS                  | GSUM<br>OFLOW<br>OFLOW<br>6,7<br>NTAG2<br>NTAG2<br>AAA<br>6<br>GSUM1<br>GMG, &<br>DIFF<br>6 | R(d) 8(d)  R(d)  R(d)  R(1)  R(2)                                                                             |                                                                                                                      |
|        |                                                                                                                                                        | NETSIM<br>ASSEMBLED TEXT.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                  |                                                                                             | 04/14/44                                                                                                      | PAGE 33                                                                                                              |
|        | 0254                                                                                                                                                   | 6 6149 90 0 00-<br>5 0400 00 0 04<br>6 4625 90 0 04<br>7 0140 90 0 03                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 227 10001<br>113 10001                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | VOT<br>409<br>411<br>VOT                                                         | #+1<br>AAA<br>OFLOC<br>OFLOW                                                                | DELTA GMT SG + DLD GMT SQ                                                                                     |                                                                                                                      |
| BIN    | 0255<br>0255<br>0255<br>0255<br>0255<br>0255<br>0255                                                                                                   | ID. NETSIMBO 0 4,20 00 0 02 0 0001 00 00 2 0434 00 4 02 3 000000000000 3 0074 00 4 04 4 1 00003 0 00 5 0 04303 0 02 6 0 00000 0 C4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 227 10001<br>574 16001<br>00010<br>000 10011<br>405 10011<br>466 10100<br>227 10004                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | TMI<br>STO<br>SXA<br>CALI                                                        | SAVFOR.4                                                                                    | (,AAA) CHAGE TO FLOATINT-POINT                                                                                |                                                                                                                      |
|        | 0254<br>0254<br>0254<br>0254<br>0254                                                                                                                   | 7 0 00000 0 04<br>0 0 00000 0 04<br>1 0000000000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 227 1000i<br>00010<br>000 10011<br>403 10011<br>467 10106                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | CAL                                                                              | SQRT(AAA)                                                                                   | GET SQUARE ROOT                                                                                               |                                                                                                                      |
|        | 0254<br>0254<br>0254                                                                                                                                   | 4 0 00000 0 04<br>5 0601 00 0 04<br>6 00000000000<br>6 0074 00 4 02<br>7 1 00002 0 00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 227 10001<br>00013<br>000 10011                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | STO<br>CAL                                                                       |                                                                                             | .=1) CHANGE TO BINARY POINT                                                                                   |                                                                                                                      |

Mary College

|         |                | D. WETSINGS                         |       |                   |             |                    |                                                                     |                        |
|---------|----------------|-------------------------------------|-------|-------------------|-------------|--------------------|---------------------------------------------------------------------|------------------------|
|         |                | 0 04303 8 02471<br>0 00000 0 04227  | 10001 |                   |             |                    |                                                                     |                        |
|         |                | 0 00000 0 04271                     | 10001 |                   |             |                    |                                                                     |                        |
|         |                | 9500 90 0 0x227                     | 19001 |                   | CLA         | AAA                | WELTA GREIGHT                                                       |                        |
|         |                | 9774 80 4 60000                     |       | SAVFOR            | TRA         | CONT C             | ONT I MARE                                                          |                        |
|         | 02575<br>02576 |                                     | 10001 | CHE               | 710         | 0.0                |                                                                     |                        |
|         | 02577          |                                     | 10001 |                   | LSQ         | -029-00000000      | J 16(1)                                                             |                        |
|         |                | 0221 00 0 Q26Q3                     | ToooT |                   | 944         | MAGNIS             |                                                                     |                        |
|         |                | 8148 88 8 80461<br>8078 88 6 80001  | 10011 |                   | TRA         | ••}<br>1.#         |                                                                     |                        |
|         |                | 9 00000 0 00000                     |       | <b>NUCLUIS</b>    |             | •                  |                                                                     |                        |
|         |                |                                     |       | . 86              | TAAT        | 1345 FOR A COM     |                                                                     | LMK40726               |
|         |                |                                     |       |                   |             | EL MET COMON       | EWI.<br>GET ABORESS OF WEST                                         | LM40727<br>LM40728     |
|         | 02604<br>02605 | 8774 00 2 00000<br>0441 00 0 04235  | 10001 | ELE TO            | LDI         | 0.2<br>1401CT      | Of a monters on offer                                               | t                      |
|         | 62000          | 0057 00 00-200                      | 19000 |                   | RIR         |                    | 151 COM TESTPOURD                                                   |                        |
|         | 02507          |                                     | 10001 |                   | STI         | 140161             |                                                                     |                        |
|         | 02410          |                                     |       |                   | CLA.<br>STA | 41462              | COMPONENT; INITIALIZE<br>LOCATION USING 11                          | LISE40729<br>LISE40730 |
|         |                | 0621 00 0 04012<br>0621 00 0 02131  |       |                   | 574         | 06)                |                                                                     | L##40731               |
|         | 02011          | ****************                    | ,     |                   | •           |                    |                                                                     |                        |
| BIRARY  |                | O. NETSIMAZ                         |       |                   |             |                    |                                                                     |                        |
|         |                | 9621 90 0 82127                     |       |                   | 514<br>514  | 9G30<br>9G3+3      |                                                                     |                        |
|         |                | 0621 60 0 02134<br>0621 00 0 02200  | 10001 |                   | STA         | BEA                |                                                                     | L#40732                |
|         |                | 9534 00 1 04022                     |       |                   | LEA         | TEAMO'T            |                                                                     | UM49733                |
|         |                | #500 48 9 94912                     |       |                   | CLA.        | +1462              | TEST FOR CMD OF LEVEL                                               | L4848734               |
|         | 02620          | PAA1 00 0 04235                     | 10201 |                   | LDI         | PROSET             |                                                                     |                        |
|         |                |                                     |       |                   |             |                    |                                                                     |                        |
|         |                | METSTA                              |       |                   |             |                    | V4/14/44                                                            | PAGE 34                |
|         | AS             | SEMBLED TEXT.                       |       |                   |             |                    |                                                                     |                        |
|         | -24.21         |                                     |       |                   |             |                    |                                                                     |                        |
|         |                | 9054 BC 804660<br>9079 BC 6 63154   |       |                   | RFT<br>TRA  | 4000<br>W/STT      | TEST FOR LAST LEVEL BREAKTION VES-GO TO LAST LEVEL CONTROL PROGRAMP |                        |
|         | 92623          | 0120 00 0 02073                     |       |                   | IPL         | 860                | TES-50 IN CASE COURSE PERFESSION                                    | LME40735               |
|         | 92424          | 9534 80 4 83153                     |       |                   | LEA         | LUCATR +4          | LEVEL COUNTER                                                       |                        |
|         | 02625          | 6 00001 4 02627                     | 10001 |                   | THE         | LASLEY,4.1         | START LAST LEVEL OPERATION                                          |                        |
|         |                | 1 77766 1 02072<br>0055 00 004066   | 1000i | LASLEY            | TEE<br>CIR  | 008-1.118<br>4088  | INDEX TO MENT LEVEL INFORMATION MORMALIZE LAST LEVEL                |                        |
| -       |                | 8404 80 0 04235                     |       |                   | STI         | 1401CT             |                                                                     |                        |
|         |                | 1 77744 1 00401                     |       |                   | TEL         |                    | INCA "MENT LEVEL INFORMATION INDEX                                  |                        |
|         |                | 0500 00 0 03025<br>0100 00 0 02644  |       | WE ISTO           |             | COMBIN             | TEST FOR CONSINATIONS OF STRINGS                                    |                        |
|         |                | 0500 00 0 02642                     |       |                   | TZE<br>CLA  | HERSTE<br>STREND   | NO COMBINATIONS OF STREETS                                          |                        |
|         | 02635          | 0421 00 0 02640                     | 10004 |                   | STA         | COTST              | MENT STRING NUMBER                                                  |                        |
|         | C.S.O. I       |                                     |       |                   |             |                    |                                                                     |                        |
| a) must |                | D. 4ETS1#83<br>6774 80 5 08000      | 10000 | MIREDE            | ANT         | >0,5               |                                                                     |                        |
|         | 02637          | 8560 00 5 03004                     | 12001 |                   | LDE         | K"YCON,5           | GET FIX MASK                                                        |                        |
|         | 02640          | 4763 00 0 00000                     |       | <b>CEA121</b>     |             | ••                 | SHIFT KEY BIT TO ACT351                                             |                        |
|         | 02643          | 4320 00 C 04005<br>0100 00 0 02450  | 10001 |                   | AMA<br>TZE  | ONE<br>OLDF        | OFF-STRING NOT IN MASK                                              |                        |
|         |                | 0020 00 0 02652                     |       |                   | TRA         | NE SIF             | Ch-                                                                 |                        |
|         |                | 0500 00 0 02452                     |       | MEXSTE            |             | STREAD             | IST/MERT STRING                                                     |                        |
|         |                | 0340 00 0 27050                     |       |                   | CAS         | KEY                | NO. OF CONTRIBUTING SACUP                                           |                        |
|         |                | 9020 90 0 00402<br>9020 90 0 02452  | 10011 |                   | TRA<br>Tra  | ooz<br>Henf        | NON-CONTRIBUTING GROUP FRIM                                         |                        |
|         |                | 0500 00 0 04014                     | 10001 | OLDF              | CLA         | FRIN               | CONTRIBUTING GROUP FPLS MON-CONTRIBUTING STRING                     |                        |
|         | 02651          | 0029 00 0 00402                     | 10011 |                   | TRA         | **2                | — · · · · · · · · · · · · · · · · · · ·                             |                        |
|         | 02652          | 0500 00 0 04013                     |       | HENF              | CLA         | FPL                | CONTRIBUTING GROUP                                                  |                        |
|         | 02653<br>02654 | 0421 00 0 02074<br>0500 00 0 04026  | 10001 |                   | STA<br>CLA  | N<br>Des           | NO. OF COMPONENTS IN CADUP                                          |                        |
|         | 02455          | 0401 OC 0 04114                     | 10001 |                   | 570         | HSHCTA             |                                                                     |                        |
|         |                | 0300 00 0 02662                     |       |                   | CLA         | STREMO             | INCREMENT STRING NO. FOR MEXT TEXT                                  |                        |
|         | 0245?          | 0400 00 0 04271<br>0401 00 0 02642  |       |                   | ADD         | =1                 |                                                                     |                        |
|         | 25440          | O C C C C C C C C C C C C C C C C C | 10001 |                   | STO         | STRING             |                                                                     |                        |
| BIMARY  |                | D. NETSIME4                         |       |                   |             |                    |                                                                     |                        |
|         |                | 0020 00 0 02073                     |       |                   | TRA         | 060                | START MORMALIZATION OF THIS GROUP                                   |                        |
|         |                | 000000000001<br>0600 00 0 03153     | 10000 | STR (40<br>OMELEY |             | )<br>LYCNTR        |                                                                     |                        |
|         | 02664          | 0774 00 1 00012                     |       |                   | AXT         | 10.1               |                                                                     |                        |
|         | 02665          | 0020 00 0 02627                     | 10001 |                   | TRA         | LASLEV             |                                                                     |                        |
|         |                | 0535 00 5 03005                     |       | COMB1             |             | COMBIN.5           | . OF OUTPUT COMBINATIONS                                            |                        |
|         |                | 4634 00 5 02713<br>4634 00 5 02747  |       |                   | SXD<br>OZZ  | CDM84,5<br>CDM84,5 |                                                                     |                        |
|         |                | 4434 00 5 02763                     |       |                   | SXD         | COMP: 5            |                                                                     |                        |
|         | 02672          | 0774 66 5 00000                     | 10000 |                   | AKT         | 0,5                | KEYCOMP COUNTER                                                     |                        |
|         |                | 0774 00 6 00000<br>0774 00 7 00022  |       |                   | AKT         | 0,6                | STAING COUNTER                                                      |                        |
|         |                | 0560 00 5 03006                     | 10000 | COMBZ             | LD9         | 18.7<br>KEYCOM,5   | MASK SHIFT COUNTER (18 MAX) GET MASK                                |                        |
|         |                | 4754 00 0 00000                     | 10000 | C0483             |             | 0,0                | CLEAR AC                                                            |                        |
|         | 02677          | 4763 00 0 0000.                     | 10000 |                   | LGL         | 1                  | TEST IST/MENT BIT                                                   |                        |
|         |                | 0100 00 0 C2705<br>0500 09 6 04043  |       |                   | TIE         | COMB31             | 04-460 to stupped outside                                           |                        |
|         |                | 0400 00 6 04043                     |       |                   | CLA<br>ADD  | STRING,6<br>CHSUM  | ON-ADD TO KEYCOM DUTPUT                                             |                        |
|         |                | 0401 00 0 04035                     |       |                   | STO         | CHSUM              |                                                                     |                        |
|         |                |                                     |       |                   |             |                    |                                                                     |                        |

```
TOMANY

**1.6*,-1
COMB3,7:1
18
E2YCOM,5
CMSUM

**1.5*,-1
COMB2,7:0*
MSMCTR
0,5
MSMCTR
0,5
MSMCTR
DME

MSMCTR
DME

MSMCTR
CMS

CMS

MSMCTR

MSM
 10001
10011
10000
10000
10001
10001
10001
10001
10001
10001
10001
10001
10001
10001
10001
10001
10001
10001
10001
 CLA
ADD
STO
LXA
STZ
SXO
CALL
 02725 1 00003 0 00405

BINARY CARD 10. NETSIMB6
02726 0 04303 0 02625
02727 0 00000 0 04227
02730 0 00000 0 04227
02731 0 00000 0 04227
02732 0074 00 4 11403
02733 1 00002 0 00404
02734 0 04303 0 02626
02736 0 04303 0 02626
02737 0500 00 0 04114
02740 0074 00 4 15400
02741 0500 00 0 04227
02742 0074 00 4 15400
02743 0074 00 4 15400
02743 0074 00 4 04400
02744 1 00000 0 00402
02743 0040000000000
02744 1 00000 0 00402
02745 0 04503 02633
02746 1 77777 1 00401
 10.00
10001
10001
10001
00010
 .FWRD. (.UMO6., MI SHI)
 CALL
 1001.
 1001.
1000.
1001.
1001.
1001.
1001.
1001.
1001.
 MSHCTR
.FCNV.,4
AAA
.FCNV.,4
.FFIL.
 CALL
 tri
 **1.1.-1
 02766 1 77777 1 00401

BINARY CARD 10- NETSIFE7
02767 3 00000 1 02716
02750 0535 00 4 27050
02751 1 00001 4 00401
02752 0534 00 4 02636
02753 0500 00 4 03004
02754 0734 00 5 02761
02756 0774 00 5 02761
02756 0774 00 4 00000
02757 0500 00 4 03004
02760 0734 00 6 00000
02761 3 00000 4 02023
02762 1 77777 4 00401
02763 3 00000 4 02757
 COMBS, 1, 00
KEY.4
011,4,...
MIRED1,4
KEYCOM,4
0,5
COMB8,5
0,4
KEYCOM,4
 10001
10001
10001
10000
10000
10000
10000
10000
10001
10011
10001
 TEST FOR MORE KEYCOMS
KEY OUTPUT VALUE INDEX
 LAC
TXI
SXA
CLA
PAX
SXD
AXT
CLA
PAX
TXH
TXI
 KEY OUTPUT VALUE
 COM67
 0,6
FORGET,6,**
**1,4,-1
COMB7,*,**
 TEST FOR GREATER OUTPUT -YES INCORRECT NO -TEST FOR MORE KEYCOMS
 COABS
 NETS IN
ASSEMBLED TEXT.
 04/14/66
 PAGE 36
 02764 00.0 00 0 22002 10006
02765 00000000000 00016
02765 0074 00 4 11400 10011
02766 1 00002 0 00404 10010
02767 0 04303 0 02653 10100
02770 0 00000 0 15000 10011
 FIX GUTPUT CORRECT .FWRD.(.UNG6..TOM)
 TRA
TOMANY CALL
 00010
10011
10011
10001
10000
10000
10000
10000
10000
10000
10000
00001
00001
 CALL
 .FFIL.
 NETSIM+1
7,(33H TO MANY STRINGS FOR COMB OPTION+)
 TRA
BCI
 TOM
 COMBIN PZE
KEYCOM BSS
DGVALU BSS
LYCNTR BSS
ABICAD PZE
 C
100
1
1
C
 MU. OF LEVELS -1
 03155 200000C300C1

HINARY CARD ID. NETSIM89

03156 0100 00 0 03164

03157 0500 00 0 04114

03160 0402 00 0 04271

03161 0601 00 0 0 02073

03163 0000 00 0 02672

03164 0057 00 064000

03165 0404 00 0 04235

03166 0074 00 4 03000

03167 1 00000 0 00407

03171 0 04303 0 02672

03171 0 04303 0 02672

03171 0 0000 0 00614

03173 0 0000 0 00614

03173 0 0000 0 03721

03175 00000 0 03721

03176 0441 00 0 04235

03177 00 0 0 0 0 00207
 NWSTT TZE
CLA
SUB
STO
TNZ
TRA
EANWST RIR
STI
GWPRT CALL
 EXNMST MO OF LAST LEVEL
MSNCTR MORE COMPONENTS TH
=1 INCREMENT INDEX FO
MSHCTR
DGO CONTINUE THIS GROUP
4000
INDICT
CPRT(MUPR,GMPC,CNTR,NEXT,OPSNUM)
 'ND OF LAST LEVEL MORE COMPONENTS THIS LEVEL INCREMENT INDEX FOR NO. OF COMP. THIS CROUP
 10001
10004
10004
10006
10006
10006
10006
10016
10016
10016
10006
10006
10006
10006
10006
10006
10006
 CONTINUE THIS GROUP START NEW GROUP
 L 4K40746
```

| BINARY                                                                                                                                         | CARD ID. NETSIM90<br>03200 00000000200<br>03201 0634 00 2 03224<br>03202 0500 00 0 03721<br>03203 0767 00 0 00022<br>03204 0622 00 0 30047<br>03205 000000000000                                                                                                                                                                                                                                                                                  | 10000<br>10001<br>10000<br>10000<br>00010                                              | C128<br>WRES            | DEC<br>SXA<br>CLA<br>ALS<br>STU<br>CALL       | 128 SAYZ.2 OPSNUM 18 SKIP WRTNET(SKIP, NETTAP, NETNAX)                                                                  | LNK40743<br>LNK40747<br>LNK4A                            |
|------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|-------------------------|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|
|                                                                                                                                                | NETSIM<br>ASSEMBLED TEXT.                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                        |                         |                                               | 04/14/66                                                                                                                | PAGE 37                                                  |
|                                                                                                                                                | 03205 0074 00 4 06000<br>03206 1 00003 0 00405<br>03207 0 04303 0 02705<br>03210 0 00000 0 30047<br>03211 0 00000 0 04225<br>03212 0 00000 0 04234<br>03213 000000000000<br>03213 0074 00 4 05000<br>03214 1 00001 0 00403<br>03215 0 04303 0 04567<br>03216 0 00000 0 03731<br>03217 00000000000                                                                                                                                                 | 10011<br>10010<br>10000<br>10001<br>10001<br>00010<br>10011<br>10001<br>00010<br>10011 |                         | CALL                                          | .FPRN.1RBCD; '2423'                                                                                                     | LNK40749<br>LNK40750                                     |
| BINARY                                                                                                                                         | CARO ID. NETSIM91<br>03220 1 00400 0 00462<br>03221 0 04303 0 02707<br>03222 0760 00 0 0162<br>03223 6020 00 0 01401<br>03224 0774 00 2 00000<br>1 00001 7 00001                                                                                                                                                                                                                                                                                  | 10011<br>10100<br>10000<br>10011<br>10011                                              | SAV2                    | SWT<br>TRA<br>AXT                             | 2<br>NETSIM+1<br>=-*,2                                                                                                  | LMK40752                                                 |
|                                                                                                                                                | 03225 0441 00 0 04235<br>03226 0020 00 0 00207<br>03227 0500 00 0 0400>                                                                                                                                                                                                                                                                                                                                                                           | 10001<br>10001<br>10001                                                                | SETSW                   | LDI<br>Tra<br>Cla                             | INDICT SCHED ONE GATHG OVERFLOW SIGNAL                                                                                  | LNK40753                                                 |
| 03230 0601 00 0 03260<br>03231 00000000000<br>03231 0074 00 4 11400<br>03232 1 00002 0 00464<br>03233 0 04303 0 04603<br>03234 0 00000 0 15000 | 10001                                                                                                                                                                                                                                                                                                                                                                                                                                             | OFLOW                                                                                  | STO                     | QADTO<br>.FWRD. (.UNO6., NFBCD) '2435'        | LNK40754                                                                                                                |                                                          |
|                                                                                                                                                | 03235 0 00000 0 04252<br>03236 0500 00 0 04113<br>03237 0074 70 4 15400<br>03240 000000000000                                                                                                                                                                                                                                                                                                                                                     | 10001<br>10001<br>10011<br>00010                                                       |                         | CLA<br>TSX<br>CALL                            | OFLOC<br>•FCNV• •4<br>•FFIL• '2435'                                                                                     | LNK40755<br>LNK40756<br>LNK40757                         |
| BINARY                                                                                                                                         | CARD ID. NETSIM92 03240 0074 00 4 06400 03241 1 00000 0 00402 03242 0 04303 0 04603 03243 0500 00 0 03260 03244 0100 00 0 00407 03245 0441 00 0 04235 03246 0054 00 000100 03247 0070 00 0 03255 03250 0054 00 000200 03251 0020 00 0 00401 03253 0420 00 0 00401 03254 0020 00 0 00401 03255 0500 00 0 04015 03256 0600 00 0 04015 03256 0600 00 0 04015 03257 0020 00 0 04015 03256 0600 00 0 00000 03261 0634 00 4 03570 03262 0534 00 1 00772 |                                                                                        | BIAOJ<br>GADTO<br>PKINT | STZ<br>TRA<br>PZE                             | QADTO  ++7 INDICT 100 BIADJ LEVEL SUM OVERFLOM-ADJUST BIAS 200 ++1 ++1 ++11 CSUM QADTO ITER O PRIRA,4 LEVI,1 LEVEL IDEX | LNK40759<br>LNK40760<br>LNK40763                         |
|                                                                                                                                                | NETSIM<br>ASSEMBLED TEXT.                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                        |                         |                                               | 04/14/66                                                                                                                | PAGE 38                                                  |
| BINARY                                                                                                                                         | 03266 1 00001 0 00403<br>03267 0 04303 0 02745                                                                                                                                                                                                                                                                                                                                                                                                    | 10001<br>00010<br>10011<br>10011<br>10100                                              |                         | SXA<br>SXA<br>Gall                            | PR2,2<br>PR2+1,i<br>.FWRB.(.UNO3.)                                                                                      | LNK40764                                                 |
|                                                                                                                                                | 03271 0500 00 0 04224<br>03272 0074 00 4 17000<br>03273 0500 00 0 04023<br>03274 0074 00 4 17000<br>03275 0500 00 0 04024<br>03276 0074 00 4 17000<br>03277 0500 00 0 04231                                                                                                                                                                                                                                                                       | 10011<br>10001<br>10001<br>10011<br>10001<br>10011                                     |                         | CLA<br>TSX<br>CLA<br>TSX<br>GLA<br>TSX<br>CLA | NULEVS .FBLT.,4 LEVCT .FBLT.,4 COMCT .FBLT.,4 XXXX                                                                      | LNK40765<br>LNK40766<br>LNK40767<br>LNK40768<br>LNK40769 |
|                                                                                                                                                | 03300 0074 00 4 27000<br>03301 0500 00 0 04232<br>03302 0074 00 4 27000<br>03303 0500 00 1 30056                                                                                                                                                                                                                                                                                                                                                  | 10011<br>10001<br>10011<br>10000<br>10011                                              |                         | TSX<br>CLA<br>TSX<br>CLA<br>TSX               | .FBLT.,4<br>YYYY<br>.FBLT.,4<br>MI,1<br>.FBLT.,4                                                                        | ENK40770<br>ENK40771<br>ENK40772<br>ENK40773<br>ENK40774 |

| -      | 03305 0500 00 1 30055<br>03305 0500 00 1 30055<br>03307 0500 00 1 30003<br>03310 0074 00 4 17000<br>03311 0074 00 4 17400<br>03312 0500 00 1 30044<br>03313 0421 00 0 03424<br>03314 0421 00 0 03424<br>03315 000000000000<br>03316 1 00001 0 00403<br>03317 0 04303 0 02772<br>03320 0 00000 0 14400                                              | 10000<br>10011<br>10000<br>10011<br>10011<br>10001<br>10001<br>10011<br>10011<br>10011                   | CLA<br>TSX<br>CLA<br>TSX<br>TSX<br>CLA<br>STA<br>STA<br>CALL            | MS.1<br>.FBLT4<br>BIAS.1<br>.FBLT4<br>.FMLR4<br>OVAL1<br>BOP1<br>DOP1<br>DOP1<br>.FMRB.(.UM03.1 | RELATIVE OUTPUT ADORESS FOR THES LEVEL                                                                                                      | LNK40775<br>LNK40776<br>LNK40777<br>LNK40778                                     |
|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|
| -      | 03321 0535 00 2 00723<br>03322 0754 00 2 00000<br>03323 9400 00 0 04011<br>03324 0421 00 0 03154<br>03325 0737 00 2 00000                                                                                                                                                                                                                          | 10001<br>10000<br>10001<br>10001                                                                         | LAC<br>PXA<br>ADO<br>STA<br>PLPH PAC                                    | LEVIR,2<br>0,2<br>INEXT<br>ABLCAD<br>0,2                                                        | RELATIVE COMPONENT ADDRESS OF 1ST<br>COMPONENT FOR HHIS LEVEL<br>ABSOLUTE ADDR OF 1ST COMP THIS LEVEL<br>ABSOLUTE ADDRESS OF COMPONENT      |                                                                                  |
|        | 03326 0500 00 2 00000                                                                                                                                                                                                                                                                                                                              | 10000 807                                                                                                |                                                                         | ••,2                                                                                            | OUTPUT OF COMPONENT                                                                                                                         |                                                                                  |
| BINARY | CAMD ID. NETSINPS 03327 0074 00 4 17000 03330 0500 40 2 00400 03331 4120 00 0 03334 03332 0500 00 2 00000 03333 0020 00 0 03325 03334 0074 00 4 17400 03335 0534 00 1 00772 03340 0500 00 1 30055 03337 0401 00 0 04227 03340 0074 00 4 04000 023311 1 00003 0 00405 03342 0 04303 0 03012                                                         | 10011<br>10000<br>10001<br>10000<br>10001<br>10011<br>10000<br>10001<br>00010<br>10011<br>10011<br>10011 | TSX<br>CLA-<br>TMI<br>CLA<br>TRA<br>IM TSX<br>LXA<br>CLA<br>STO<br>CALL |                                                                                                 | 'ST WORD OF NEXT COMPONENT<br>END LOGICAL BINARY RECORE(POP TAPE)<br>IST WORD OF IST COMP OF LEVEL IS MINUS<br>GET OUTPUT OF NEXT COMPONENT | LNK40779<br>LNK40780<br>LNK40781                                                 |
|        | NETSIM<br>ASSEMBLED TEXT.                                                                                                                                                                                                                                                                                                                          |                                                                                                          |                                                                         |                                                                                                 | 04/14/66                                                                                                                                    | PAGE 39                                                                          |
|        | 03343 0 00000 0 04227<br>03344 0 00000 0 04272<br>03345 0 00000 0 04227<br>03346 0500 00 1 30063<br>03347 0401 00 0 04230<br>03350 00000000000                                                                                                                                                                                                     | 10001<br>10001<br>10000<br>10001<br>00010                                                                | CLA<br>STO<br>CALL                                                      | BIAS,1<br>BBB<br>BTOF (BBB,=9,88                                                                | ואו                                                                                                                                         | LNK40782<br>LNK40783<br>LMX40784                                                 |
| BINARY | CARD 10. METSIM96<br>03350 0074 00 4 04000<br>03351 1 00003 0 00405<br>03352 0 04303 0 30105<br>03353 0 04000 0 04230<br>03354 0 00000 0 04237<br>03355 0 00000 0 04230<br>03356 000000000000<br>03356 0000000000000                                                                                                                               | 10011<br>10011<br>10100<br>10001<br>10001<br>10001<br>00010<br>10011                                     | CALL                                                                    | ∘FWRD.(.UNG6.,                                                                                  | BI ASNO)                                                                                                                                    | Cimvo de                                                                         |
| . •    | 93340 0 04303 0 03016<br>93341 9 00000 0 15000<br>93362 0 00000 0 03662<br>93363 9500 00 0 00604<br>93364 9074 00 4 15400<br>93365 900000000000<br>93365 00700000000<br>93367 0 04303 0 03021<br>93370 9400 00 0 00402                                                                                                                             | 10100<br>10011<br>10001<br>10001<br>10011<br>00010<br>10011<br>10011<br>10100                            | CLA<br>TSX<br>CALL                                                      | BIASCH<br>•FCNV•.4<br>•FFIL•                                                                    |                                                                                                                                             |                                                                                  |
| BINARY | CARD ID. NETSIM97 03371                                                                                                                                                                                                                                                                                                                            | 09010<br>10011<br>10011<br>10011                                                                         |                                                                         | .FMRO.(.UNG6.,                                                                                  | RESET BIAS CHANGE LOUNTER DOR LEVEL                                                                                                         | LNK40785                                                                         |
| -      | 03375 0 00000 0 03745<br>03376 0500 00 0 04023<br>03377 0074 00 4 15400<br>03400 0500 00 04227<br>03401 0074 00 4 15400<br>03402 0500 00 0 04230<br>03403 0500 00 0 04230<br>03404 000000000000<br>03404 0074 00 4 15400<br>03404 0074 00 4 06400<br>03404 0074 00 4 06400<br>03405 1 00000 0 00402<br>03406 0 04303 0 04424<br>03407 000000000000 | 10001<br>10001<br>10001<br>10001<br>10001<br>10011<br>00010<br>10011<br>10011                            | TSX<br>GLA<br>TSX<br>GLA<br>TSX<br>GALL                                 | LEVCT<br>.FCNV.,4<br>AAA<br>.FCNV.,4<br>88B.<br>.FCNV.,4<br>.FFIL.'2452'                        | MDL EN 1                                                                                                                                    | LNK40786<br>LNK40787<br>LNK40788<br>LNK40789<br>LNK40790<br>LNK40791<br>LNK40792 |
| BINARY | CARD ID. NETS!H98 03411 0 04303 0 03033 03412 0 00000 0 15000 03413 0 00000 0 03714 03414 00000000000 03414 0074 00 4 06400 03415 1 00000 0 00402                                                                                                                                                                                                  | 10.00<br>10011<br>10001<br>00010<br>10011                                                                | CALL                                                                    | .FFIL.                                                                                          |                                                                                                                                             |                                                                                  |

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| NETSIM<br>ASSEMALED TEXT.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                            |                                                                                  | 34/14/66                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | P46E 40                                                                                                                                                                                                                                                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 03416 0 94303 0 03034<br>03417 0500 00 0 03154<br>03420 0774 00 4 00005<br>03421 0777 00 2 00000<br>03422 0500 00 2 30000<br>03422 0500 00 2 30000<br>03423 0601 00 4 04127<br>03425 0601 00 4 04127<br>03426 0500 80 2 00000<br>03427 4420 00 0 03433<br>03430 0500 60 2 00000<br>03431 2 00001 4 03421<br>03432 0000 06 0 03437                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 10001<br>10000 QPLPN<br>10000 DOPLPN<br>10000<br>10000<br>10001<br>10000<br>10001<br>10000<br>10001                        | CLA<br>AAT<br>PAC<br>GLA<br>STO<br>GLA<br>STO<br>GLA<br>TMI<br>CLA<br>TIX<br>TRA | ABICAD 5.4 0.2 1.2 NAM5-5.4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | LMK40800<br>LMK40802<br>LMK40805<br>LMK40805<br>LMK40810<br>LMK40811<br>LMK40813                                                                                                                                                                         |
| BINARY CARD ID. NETSIMP9 03933 4 00001 4 03437 03434 0600 00 4 04127 03435 0600 00 4 04127 03436 0020 00 0 03433 03437 5000000000 03447 0074 00 4 04000 03440 1 00003 0 09405 03441 0 04000 0 04122 03443 0 00000 0 04271                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 10001<br>10001<br>10001<br>00010 QPRNT<br>10011<br>10010<br>10001<br>10001                                                 | TNX<br>STZ<br>STZ<br>TRA<br>GALL                                                 | QPRNT,4,1<br>NAM5+5,4<br>OPT5+5,4<br>QBSF<br>BTOF(OPT5,41,0PT5)*2488*                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | LNK40814<br>LNK40814<br>LNK40917<br>LNK40818<br>LNK40819                                                                                                                                                                                                 |
| 03444 0 00000 0 04122<br>03445 000000000000<br>03445 0074 00 4 04000<br>03444 1 00003 0 00405<br>03447 0 04303 0 04670<br>03450 0 00000 0 04271<br>03451 0 00000 0 04271<br>03453 000000 00123                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 10001<br>10001<br>10001<br>10011<br>10011<br>10012                                                                         | CALL                                                                             | BTOF(OPT5+1,=1,UPT5+11*2486*<br>BTOF(OPT5+2,=1,OPT5+2)*2488*                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | LNK40820                                                                                                                                                                                                                                                 |
| 03454 1 00003 0 00405<br>03455 0 04303 0 04470<br>03456 0 00000 0 04124<br>03457 0 00000 0 04271                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1001;<br>1001;<br>10,00<br>10001<br>10001<br>10004<br>C0010<br>1001;                                                       | CALL                                                                             | 8TOF(OPT5+3, ~1,0PT5+3)*2488*                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | LNK40822                                                                                                                                                                                                                                                 |
| 03463 0 04303 0 04670<br>03464 0 00000 0 04125<br>03465 0 00000 0 04271<br>03466 0 00000 0 04125<br>03467 00000000000<br>03467 0074 00 4 04000<br>03470 1 00003 0 0405<br>03471 0 04303 0 04670<br>03472 0 00000 0 04126<br>03473 0 00000 0 04271                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 10001<br>10001<br>10004                                                                                                    | CALL                                                                             | BTOF(OPT5+4,-1,UPT5+4)*2488*                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | LNK40923                                                                                                                                                                                                                                                 |
| NETS IN<br>Assemaled text.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                            |                                                                                  | 04/14/66                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | PAGE 41                                                                                                                                                                                                                                                  |
| BINARY CARD ID. NETSIMO1<br>03474 0 00000 0 04126<br>03475 00000000000<br>03475 0074 00 4 11400<br>03476 1 00002 0 00404<br>03477 0 04303 0 04670<br>03500 0 00000 0 15000<br>03501 0 00000 0 3756                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 10001<br>00010<br>10011<br>10011<br>10100<br>10011                                                                         | CALL                                                                             | .FNRD.(.UN06.,NMFMT)'2468'                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | LNK40824                                                                                                                                                                                                                                                 |
| 03502 0500 00 0 04115<br>03503 4734 00 4 00000<br>03504 0034 00 4 04270<br>03505 43:0 00 0 04243<br>03506 0074 00 4 15400<br>03511 0500 00 0 04270<br>03512 0074 00 4 15400<br>03513 0500 00 0 04126<br>03514 4734 00 4 0000<br>03514 0354 4734 00 4 0000<br>03515 0634 00 4 04270                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 10001<br>10000<br>10001<br>10001<br>10011<br>10011<br>10011<br>10011<br>10001                                              | CLA<br>PDX<br>SXA<br>ANA<br>TSX<br>CLA<br>TSX<br>CLA<br>CLA<br>PDX<br>SXA        | NAMS 0,4 LLEV,4 077 -FCNV-;4 LLEV -FCNV-,4 NAMS-2 0,4 LLEV,4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | LNK40825<br>LNK40826<br>LNK40828<br>LNK40828<br>LNK40829<br>LNK40831<br>LNK40835<br>LNK40835<br>LNK40835<br>LNK40835<br>LNK40835                                                                                                                         |
| BINARY CARD ID. NETSIMO2  03516 4320 00 0 04243  03517 0074 00 4 15400  03520 0500 00 0 04270  03521 0074 00 4 15400  03522 0500 00 0 04123  03523 0074 00 4 15400  03524 0300 00 0 04117  03525 4734 00 4 00000  03526 0634 00 4 04270  03531 0500 00 0 04243  03530 0074 00 4 15400  03531 0500 00 0 04270  03532 0774 00 4 15400  03533 0504 00 0 04270  03534 0074 00 4 15400  03535 0500 00 0 04124  03536 0774 00 4 15400  03537 0504 00 0 04126  03538 0774 00 4 07400  03538 0774 00 4 07400  03538 0774 00 4 07400  03538 0774 00 4 07400  03538 0774 00 4 07400  03538 0774 00 4 07400  03538 0774 00 4 07400  03538 0774 00 4 07400  03538 0774 00 4 07400  03538 0774 00 4 07400  03538 0774 00 4 07400  03538 0774 00 4 07400  03538 0774 00 4 07470  03540 4774 00 4 07470  03540 4774 00 4 07470 | 10011<br>10000<br>10011<br>10001<br>10001<br>10000<br>10000<br>10001<br>10011<br>10014<br>10001<br>10011<br>10001<br>10010 | TSX<br>CLA<br>PDX<br>SXA                                                         | 077 •FCNV••  LLEV •FCNV••  •FCNV•   LNK40837<br>LNK40839<br>LNK40840<br>LNK40842<br>LNK40843<br>LNK40843<br>LNK40845<br>LNK40846<br>LNK40846<br>LNK40847<br>LNK40848<br>LNK40848<br>LNK40850<br>LNK40851<br>LNK40851<br>LNK40853<br>LNK40853<br>LNK40853<br>LNK40853<br>LNK40853<br>LNK40853 |

| SINARY         | CARD ID. METSINOS 03541 0074 00 4 15400 03542 0500 00 0 04270 03543 0074 00 4 15400 03544 0500 00 0 04125 03545 0074 00 4 15400 03546 0500 00 0 04121 03547 4734 00 4 00000 03530 0434 00 4 04270 03551 4320 00 0 0423 03552 0074 00 4 15400 03554 0074 00 4 15400 03555 0500 00 0 04224 | 10011<br>10001<br>10011<br>10001<br>10001<br>10000<br>10000<br>10001<br>10001<br>10001<br>10001 | TSX<br>CLA<br>TSX<br>CLA<br>TSX<br>CLA<br>PDX<br>SXA<br>ANA<br>TSX<br>CLA<br>TSX<br>CLA | .FCNV.,4 LLEV .FCNV.,4 OPTS-3 .FCNV.,4 NAMS-4 O,4 LLEV,7 O77 .FCNV.,4 LLEV .FCNV.,4 OPTS+4 | LNK40856<br>LNK40857<br>LNK40859<br>LNK40860<br>LNK40861<br>LNK40862<br>LNK40863<br>LNK40865<br>LNK40865<br>LNK40865<br>LNK40865 |
|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
|                | METSIM<br>ASSEMBLED TEXT.                                                                                                                                                                                                                                                                |                                                                                                 |                                                                                         | 04/14/66                                                                                   | PAGE 42                                                                                                                          |
| • ~ <b>=</b> - | 93554 9974 92 4 15490<br>93557 90000000000<br>93557 9074 90 4 06490<br>93560 1 00000 0 00402<br>93561 9 04393 9 04670<br>93562 9590 60 2 90900                                                                                                                                           | 1001i<br>00010<br>10011<br>10000<br>10000                                                       | TSX<br>CALL                                                                             | .FCHV.,4<br>.FFIL.'2488'                                                                   | LNK+0869<br>LNK+0870<br>LNK+0871                                                                                                 |
| BINARY         | CARD ID. NETSIMO4 03563 4120 00 0 03566 03564 0500 00 2 00000 03565 0020 00 0 03420 03566 0774 00 2 00000 03567 0274 00 1 00000 02570 0774 00 4 00000                                                                                                                                    | 10001<br>10000<br>10001<br>10000 PR2<br>10000<br>10000 PRTRA                                    | TMI<br>GLA<br>TRA<br>AXT<br>AXT                                                         | PR2 0,2 QPLP 00,2 END OF LEVEL PRINTOUT 00,1 00,4                                          | LNK40872<br>LNK40873<br>LNK40874<br>LNK40877<br>LNK40878                                                                         |
| . <del></del>  | 03572 0 00000 0 00000<br>03573 0 00000 0 00000<br>03574 740130013460<br>03575 745003263060<br>03575 254563255160<br>03577 452564604462<br>03601 422570626026<br>03601 422570626026                                                                                                       | 10000 SGWT<br>10000 PSKP<br>10000 BCDF<br>10000<br>10000<br>10000<br>10000                      | TRA<br>ST PZE<br>PZE<br>BCI<br>BCI                                                      | 1.4<br>0<br>0<br>1.(1M1)<br>8.( 34H ENTER NEW MS INTO KEYS FOR LEVEL .13,///)              | LNX40879                                                                                                                         |
| •              | 03603 254360733103<br>03604 736161613460<br>03605 744060073040<br>CARO ID. METSIMO5<br>03606 432565254340<br>03607 733102730205<br>03610 336495464523<br>03611 464565255127<br>03612 254563336045                                                                                        | 10000<br>10000 BCDA<br>10000 BCDA<br>10000<br>10000<br>10000                                    | BCI                                                                                     | 9,{ 7H LEVEL ,{3,25H NONCONVERGENT. NEW MS = ,Fi4.8}                                       | LNK40937                                                                                                                         |
|                | 03613 256660446260<br>03614 136073260104<br>03615 331.034604060<br>03616 746003063060<br>03617 255563255160<br>03620 45256402231<br>03621 216260314563<br>03622 466042257062<br>03623 602646516043<br>03624 256525436073                                                                 | 10000<br>10000<br>10000                                                                         | ı eci                                                                                   | 8,( 36H ENTER NEW BIAS INTO KEYS FOR LEVEL ,[3)                                            | LNK40938                                                                                                                         |
| BIMARY         | 03626 746060073060<br>03627 432565254360<br>03630 733103730303<br>CARD ID. NETSIMO6<br>03631 30604646347<br>03632 646360466463<br>03633 60462605121<br>03634 452725736045<br>03635 256660223121<br>03634 626013607360                                                                    | 10000<br>10000<br>10000<br>10000<br>10000<br>10000<br>10000<br>10000                            | BC I                                                                                    | 9,( 7H LEVEL ,13,33H OUTPUT OUT OF RANGE, NEW BIAS =                                       | , LNK40939                                                                                                                       |
|                | NETSIM<br>Assembled text.                                                                                                                                                                                                                                                                |                                                                                                 |                                                                                         | 04/14/66                                                                                   | PAGE 43                                                                                                                          |
|                | 03637 260104331064<br>03640 056773010230<br>03641 545460602346<br>03642 456351464313<br>03643 734601026034<br>03644 740303306047<br>03645 232545636031<br>03646 456021416462                                                                                                             | 10000<br>10000<br>10000<br>10000<br>10000<br>BBIA:                                              | 8C1                                                                                     | 5,F14.8/5X,12H** CONTROL=,O12 } 7,(33H PCENT IN AJUST GREATER THAN ONE,)                   |                                                                                                                                  |
|                | 03647 636027512521<br>03650 632551606330<br>03651 214560464525<br>03652 33346060600<br>03453 746060113060                                                                                                                                                                                | 10000<br>10000<br>10000<br>10000                                                                | l BCI                                                                                   | 6,( 9H SUM NO. ,13,4H (S ,F10.5)                                                           | LNK40941                                                                                                                         |

40. 100

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BINARY CARD ID. NETSIMO?

03654 62644404546

03655 336073310373

03656 043060314240

03657 732601003305

03660 346060606040

03661 0 00000 0 00000

03662 741067733104

03663 730103306022

03664 312142602330

03655 214527256240

03666 616134606060
 1000u
1000u
 13000
 10000
 10000
10000
10000
10000
10000
 KEYS PZE
BIASNO BCI
 0
5,(8x,14,13H BIAS CHANGES //I
 03665 21-527258260

03666 616134606060

03667 740430005454

03670 547331047304

03672 477306303145

03673 047303677302

03674 043040314524

03675 254563312631

03676 232163314645
 1000G
1000G
1000G
 SCOCI BCI
 10000
 10000
 10000
BINARY CARD 10. METSIMOB
03677 602346515125
03700 236333603460
03701 74C430005454
03702 547331047304
03703 677306303145
03704 476463607321
 10000
 801
 2. CORRECT. 1
 10000
10000
10000
 80001
 801
 8,(4HO+++,14,4Y,6HINPUT ,A6,3X,27H IDENTIFICATION
 10000
 067303607321
06730360312425
456331263123
216331464560
603145234651
5125236333360
 03705
03706
03707
 10000
10000
10000
10000
10000
10000
10000
10000
 03710
03711
03712
 3. INCORRECT. 1
 8C I
 03712 512523633360
03713 346060600600
03714 740767730574
03715 010630602346
03716 444733606060
03717 204664634764
 HDL IN
 BC I
 5.17X.5(16H COMP.
 DUTPUT.6X11
 03720 637306673434
03721 0 00000 0 0000G
 10000
 10000
 OPSNUM PZE
 ٥
 NETSIM
ASSEMBLED TEXT.
 04/14/66
 PAGE 44
ASSEMBLED TEXT.

BINARY CARD ID. NETSIMO9
03722 740306300045
03723 460604456221
03724 636451216325
03725 246027406663
03726 623360242760
03727 634646604321
03730 512725336034
03731 740405306051
03732 256263215163
03733 606651316363
03734 254573604331
03735 266360626202
03736 032145264047
03737 512562626062
03740 632151636063
03741 467360606060
03742 010030602346
03743 456331456425
03744 33603460060
 7, (36HOND UNSATURATED G-WTS. DG TOO LARGE.)
 LNK40944
 10006 GMES
 BCI
 10000
10000
10000
10000
10000
10000
10000
10000
10000
10000
 9,1454 RESTART WHITTEN, LIFT SS2 AND PRESS START TO.
 RBCD
 801
 10000
 10000
10000
10000
10000
 8C I
 3.10H CONTINUE.)
 LNK40946
03744 336034606060

BINARY CARD ID. NETSIM10
03745 741067730630
03746 604325652543
03747 733104730367
03750 730630604662
03751 601360732601
03752 043310730367
03753 731030602231
03754 216260136073
03755 260104331061
03756 740567730574
03757 036773310373
03760 0130337331027
03761 730467732601
03762 003307343460
03763 740101306023
03764 46447464525
03765 456360606073
03766 310373013033
03767 733102730101
 10000
 PSCO1 BCI
 9.(8x.6H LEVEL.14.3x.6H RS = .F14.8.3x.8H B[AS = .F14.8/)
 10000
10000
10000
10000
10000
 10000
10000
10000
10000
10000
 NMEMT BCI
 5, (5x, 5(3x, 13, 'H., 12, 4x, F10, 7))
 10000
 10000
10000
10000
10000
 PBCD4 BCI
 9, (11H COMPONENT , 13, 1H., 12, 11H G-WEIGHTS
 LNK40950
 10000
 UINARY CARD 10. NETSIM11
03770 306060274066
03771 253,27306362
03772 66060606060
03773 346060606060
03773 3460606060
03774 20000000005
04001 0 00170 0 0000C
04002 0 07640 0 0000C
 10000
10000
 10000
 HSS
PZE
PZE
PZE
TANTS
PEC
PZE
 00001
 MOR D 1
 LNK40951
 L120
L4M
- CON
TENTH
 0,0,120
0,0,4000
FOR CALCULATION AND ADDRESSING
+180
 ENK40952
LNK40953
LNK40954
LNK40955
 10000
 04003 031463146314
04004 0 00000 0 00000
04005 0 00000 0 00000
04006 0 00000 0 00002
04007 377777000000
 10000
 10000
 LERO
 LNK40956
 10000
 ONE
 i
 LNK40957
 THO MASK
 PZE
 10000
 LNKAD958
 377177000000
 UNPACK G-WEIGHT MASK
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PAGE 45

THE RESERVE OF THE PARTY OF THE

METSIM ASSEMBLED TEXT.

04011 04012 04013

04014

04027 04030 04031

04032 04033 04034

04035

04010 0 30303 0 30303

04015 0 00000 0 00000 04014 0 00000 0 00000

BINARY CARD ID. NETSIM12
04017 0 00000 0 00000
04020 0 00000 0 00000
04021 0000000 0 00000
04023 0 00000 0 00000
04023 0 00000 0 00000
04024 0 00000 0 00000
04025 031463146314
04026 0 00000 0 00000

0 00000 2 30303 0 00000 2 30303 0 00000 0 30057 0 00000 0 30040

000400000000 0 00000 0 00000 0 00000 0 00000

0 00000 0 00000 0 00000 0 00000 0 00000 0 00000

0 00000

0.0000

ZNEXT INEXT NTAGZ FPL FNIN

OSUM TSUM

TRIAL

1818

LEVNO LEVCT

COMCT SCALE OIR RSCAL

GSET STRIR DIFF

QUOT TEMP CMSUM

DEDMS

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LOCTIONS

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|       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | • STO                                                                                                            | AGE FOOR                                             | NETWORK IN                                                                                                                                                                                                                                                                                                                                   | FORMATION                                                               |                                                                 | LMK41          |     |
|       | 27046                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | NOCHT                                                                                                            | EQU                                                  | 11014                                                                                                                                                                                                                                                                                                                                        |                                                                         |                                                                 |                |     |
|       | 27047<br>27050                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ENUM                                                                                                             | EQU<br>EQU                                           | 11815                                                                                                                                                                                                                                                                                                                                        |                                                                         |                                                                 |                |     |
|       | 27051                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | DATA                                                                                                             | EQU                                                  | 11817                                                                                                                                                                                                                                                                                                                                        |                                                                         |                                                                 |                |     |
|       | 30047                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | SKIP                                                                                                             | EQU                                                  | 12327                                                                                                                                                                                                                                                                                                                                        |                                                                         |                                                                 | LNK41          |     |
|       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | DT                                                                                                               | EQU                                                  | \$K [P+]                                                                                                                                                                                                                                                                                                                                     |                                                                         | TIME INCREMENT FOR DG CALCULATION                               |                |     |
|       | 30051                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | EPSLN<br>MSTEP                                                                                                   | EQU<br>EQU                                           | SK1P+2<br>SK1P+3                                                                                                                                                                                                                                                                                                                             |                                                                         | CRITERION FOR CONVERGENCE<br>INCREMENT FOR MS                   | LNK41          |     |
|       | 30052<br>30053                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | GSAT                                                                                                             | ž <b>o</b> u                                         | SKIP+4                                                                                                                                                                                                                                                                                                                                       |                                                                         | SATURATION POINT FOR G-WEIGHT                                   | LNK41<br>LNK41 |     |
|       | 30077                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | •                                                                                                                | STTD                                                 | RAGE FOR LE                                                                                                                                                                                                                                                                                                                                  | VEL INFORMAT                                                            |                                                                 | LNK41          |     |
|       | 30054                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | LEVEL                                                                                                            | EQU                                                  | SKIP+5                                                                                                                                                                                                                                                                                                                                       |                                                                         |                                                                 | LMK41          |     |
|       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | MS                                                                                                               | EQU                                                  | TEAET+1                                                                                                                                                                                                                                                                                                                                      |                                                                         | MULT FOR STATE INPUT                                            | LNK41          |     |
|       | 30056<br>30057                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | MI<br>FPLS                                                                                                       | EQU<br>EQU                                           | reaer+3                                                                                                                                                                                                                                                                                                                                      |                                                                         | MULT FOR PRIMARY INPUT<br>FIX FOR STATE IMPUTS                  | LNK41          |     |
|       | 30040                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | FRINS                                                                                                            | EQU                                                  | LEVEL+4                                                                                                                                                                                                                                                                                                                                      |                                                                         | FORGET FOR STATE 1/P                                            | LWK41          |     |
|       | 30061                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | FPL I                                                                                                            | EQU                                                  | LEVEL+5                                                                                                                                                                                                                                                                                                                                      |                                                                         | FIX FOR PRIMARY 1/P                                             | LNK41          |     |
|       | 30062                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | FMINI                                                                                                            |                                                      | LEVEL+6                                                                                                                                                                                                                                                                                                                                      |                                                                         | FORGET FOR PRIMARY 1/P                                          | 1.NK41         |     |
|       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | BIAS<br>ESUM                                                                                                     | <u>F</u> QU                                          | LEVEL+7<br>LEVEL+8                                                                                                                                                                                                                                                                                                                           |                                                                         | BIAS TO SOJUST SUM OF OUTPUTS<br>EXPECTED SUM OF OUTPUTS        | LNK41          |     |
|       | 3000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 23011                                                                                                            |                                                      | 22020                                                                                                                                                                                                                                                                                                                                        |                                                                         |                                                                 | Pilm AB        |     |
|       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                  |                                                      |                                                                                                                                                                                                                                                                                                                                              |                                                                         |                                                                 |                |     |
|       | NETSIM<br>ASSEMBLED TEXT.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                  |                                                      |                                                                                                                                                                                                                                                                                                                                              | 94/1                                                                    | 4/66                                                            | AGE 47         | '   |
|       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                  |                                                      |                                                                                                                                                                                                                                                                                                                                              |                                                                         |                                                                 |                |     |
|       | <u>30045</u><br>30046                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | OEL 1P<br>OVAL                                                                                                   | EQU .                                                | FEAST+4                                                                                                                                                                                                                                                                                                                                      |                                                                         |                                                                 | LNK41          |     |
|       | 30040                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                  |                                                      | COMPONENT                                                                                                                                                                                                                                                                                                                                    | INFORMATION                                                             |                                                                 | LNK41          |     |
|       | 30303                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | NEXT                                                                                                             | EQU                                                  | LEVEL+151                                                                                                                                                                                                                                                                                                                                    |                                                                         |                                                                 | LNK41          |     |
|       | 30304                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | SYMB                                                                                                             | EQU                                                  | NEXT+1                                                                                                                                                                                                                                                                                                                                       |                                                                         | SYMBOLIC MANE OF THIS CAMP                                      | LHK41          | 046 |
|       | 30305                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | IVAL                                                                                                             | EQU                                                  | NEXT+2                                                                                                                                                                                                                                                                                                                                       |                                                                         | VALUE OF COMPUTED I                                             | LNK41          |     |
|       | 30306<br>30307                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | SVAL<br>CPLS                                                                                                     | EQU<br>EQU                                           | NEXT+3<br>NEXT+4                                                                                                                                                                                                                                                                                                                             |                                                                         | VALUE OF COMPUTED S                                             | LNK41          |     |
|       | 30310                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | CHINS                                                                                                            |                                                      | NEXT+5                                                                                                                                                                                                                                                                                                                                       |                                                                         |                                                                 | LNK41          |     |
|       | 30311                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | CPLI                                                                                                             | EQU                                                  | NEXT+6                                                                                                                                                                                                                                                                                                                                       |                                                                         |                                                                 | LNK41          |     |
|       | 39312                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | CHINI                                                                                                            | EQU                                                  | NEXT+7                                                                                                                                                                                                                                                                                                                                       |                                                                         |                                                                 | LMK41          |     |
|       | 30316<br>30303                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | XANDY<br>LIMII                                                                                                   | EQU .                                                | NEXT+11<br>NEXT                                                                                                                                                                                                                                                                                                                              |                                                                         | NO. STATE(ADDR).PRIMARY(DEER) I/F<br>INPUT ADDR.SIGNED G-WEIGHT | LNK41          |     |
|       | 30452                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | EDP                                                                                                              | EQU                                                  | NEXT+103                                                                                                                                                                                                                                                                                                                                     | -                                                                       |                                                                 | Ç.W. 72.       |     |
| INARY | CARD ID. NETSIM16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                  |                                                      |                                                                                                                                                                                                                                                                                                                                              |                                                                         |                                                                 |                |     |
| _     | 04303 000000000000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 10000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                  | -LDIR                                                |                                                                                                                                                                                                                                                                                                                                              |                                                                         |                                                                 |                |     |
|       | 04304 452563623144                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 10000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                  | 5 WB                                                 |                                                                                                                                                                                                                                                                                                                                              |                                                                         |                                                                 |                |     |
|       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                  |                                                      |                                                                                                                                                                                                                                                                                                                                              |                                                                         |                                                                 |                |     |
|       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | YAAAA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                  | ENU                                                  |                                                                                                                                                                                                                                                                                                                                              |                                                                         |                                                                 |                |     |
|       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | TABLE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                  | ENU                                                  |                                                                                                                                                                                                                                                                                                                                              |                                                                         |                                                                 |                |     |
|       | NETSIM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                  | ENU                                                  | - *                                                                                                                                                                                                                                                                                                                                          |                                                                         | 4/66                                                            | AGE 48         |     |
| -     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | - Jeans                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                  | . ENV                                                | - *                                                                                                                                                                                                                                                                                                                                          |                                                                         | 4/66 P                                                          | AGE 48         |     |
|       | NETSIM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                  | ENV                                                  |                                                                                                                                                                                                                                                                                                                                              |                                                                         |                                                                 | AGE 48         |     |
|       | NETSIM<br>CONTROL DICTIONARY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                  | . ENV                                                | - <del></del>                                                                                                                                                                                                                                                                                                                                |                                                                         | 4/66 P<br>NETSIMLT                                              | AGE 48         |     |
| TNASY | NETSIM<br>CONTROL DICTIONARY<br>ACDICT NETS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                  | . ENV                                                |                                                                                                                                                                                                                                                                                                                                              |                                                                         |                                                                 | AGE 48         |     |
| INARY | NETSIM CONTROL DICTIONARY  ACDICT NETS  CARD ID. NETSIM18                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                  |                                                      | c                                                                                                                                                                                                                                                                                                                                            | 04/1                                                                    | NETSIM17                                                        | AGE 48         |     |
| ENARY | NETSIM CONTROL DICTIONARY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | L NI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | PREF                                                                                                             | ACE                                                  | START=0,LEN                                                                                                                                                                                                                                                                                                                                  | 04/1<br><br>GTH=2245,TYP                                                |                                                                 | AGE 48         |     |
| INARY | NETSIM<br>CONTROL DICTIONARY<br><u>ACOICT NETS</u><br>CARD ID. NETSIM18<br>00430500000<br>000004000006<br>452363623144                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | L NI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                  | ACE                                                  | c                                                                                                                                                                                                                                                                                                                                            | 04/1<br><br>GTH=2245,TYP                                                | NETSIM17                                                        | AGE 48         |     |
| INARY | NETSIM<br>CONTROL DICTIONARY<br>ACDICT MET:<br>CARO ID. NETSIM18<br>004305000000<br>000004000000<br>452563623144<br>004305000000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | _ METS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | PREF<br>IM DECK                                                                                                  | FACE                                                 | START=0,LENGT)                                                                                                                                                                                                                                                                                                                               | 04/1<br><br>GTH=2245,TYP<br>H=2245                                      | NETSIM17                                                        | AGE 48         |     |
| INARY | NETS IM<br>CONTROL DICTIONARY<br>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | _ METS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | -<br>PREF                                                                                                        | FACE                                                 | START=0,LEN                                                                                                                                                                                                                                                                                                                                  | 04/1<br><br>GTH=2245,TYP<br>H=2245                                      | NETSIM17                                                        | AGE 48         |     |
| ENARY | NETSIM<br>CONTROL DICTIONARY<br>ACDICT MET:<br>CARO ID. NETSIM18<br>004305000000<br>000004000000<br>452563623144<br>004305000000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | _ METS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | PREF<br>IM DECK                                                                                                  | ACE                                                  | START=0,LENGT)                                                                                                                                                                                                                                                                                                                               | 04/1<br><br>GTH= 2245, TYP<br>H=2245                                    | NETSIM17                                                        | AGE 48         |     |
| ENARY | NETS IM CONTROL DICTIONARY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | L METS NETS NETS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | PREF<br>IM DECK<br>IM REAL<br>IM REAL                                                                            | ACE                                                  | START=O.LENG<br>LOG=O.LENGT)<br>LOC=O.LENGTH                                                                                                                                                                                                                                                                                                 | 04/1<br><br>GTH=2245,TYP<br>H=2245<br>H=0<br>H=0                        | NETSIM17                                                        | AGE 48         |     |
| ENARY | NETSIM CONTROL DICTIONARY  ***ACOICT NETS  CARD ID. NETSIM18 004305000000 00004000000 452363623144 00000000000 452563623144 000000000000000 222746314563                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | L METS NETS NETS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | PREF<br>IM DECK<br>IM REAL<br>IM REAL                                                                            | ACE                                                  | START=0.LENG<br>LOG=0.LENGT)<br>LOC=0.LENGT)                                                                                                                                                                                                                                                                                                 | 04/1<br><br>GTH=2245,TYP<br>H=2245<br>H=0<br>H=0                        | NETSIM17                                                        | AGE 48         |     |
| ENARY | NETSIM CONTROL DICTIONARY  ACDICT NETS  CARO ID. NETSIM18 004305000000 00004000006 452563623144 000000000000 452563623144 00000000000000 225746314563 20000100000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | L METS NETS NETS NETS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | PREF<br>IM DECK<br>IM REAL<br>IM REAL<br>NT VIRT                                                                 | ACE                                                  | START=O,LENG<br>LOG=O,LENGT)<br>LOC=O,LENGTH<br>LOC=O,LENGTH<br>SECT. 4.GAL                                                                                                                                                                                                                                                                  | 04/1<br><br>GTH=2245, TYP<br>H=2245<br>H=0<br>H=0                       | NETSIM17                                                        | AGE 48         |     |
| ENARY | NETSIM CONTROL DICTIONARY  ***ACOICT NETS  CARD ID. NETSIM18 004305000000 00004000000 452363623144 00000000000 452563623144 000000000000000 222746314563                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | L METS NETS NETS NETS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | PREF<br>IM DECK<br>IM REAL<br>IM REAL                                                                            | ACE                                                  | START=O.LENG<br>LOG=O.LENGT)<br>LOC=O.LENGTH                                                                                                                                                                                                                                                                                                 | 04/1<br><br>GTH=2245, TYP<br>H=2245<br>H=0<br>H=0                       | NETSIM17                                                        | AGE 48         |     |
| INARY | NETSIM CONTROL DICTIONARY  ACDICT_METS  CARO ID. NETSIM18 004305000000 000004000000 452563623144 000000000000 452563623144 0000000000000 224746314563 20000100000 452563233027 20000100000 274751636060                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | L METS NETS NETS NETS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | PREF<br>IM DECK<br>IM REAL<br>IM REAL<br>NT VIRT<br>HG VIRT                                                      | AGE<br><br><br><br>                                  | START=O,LENG<br>LOG=O,LENGT)<br>LOC=O,LENGTH<br>LOC=O,LENGTH<br>SECT. 4.GAL                                                                                                                                                                                                                                                                  | 04/1<br><br>GTH=2245,TYP<br>H=2245<br>H=0<br>L                          | NETSIM17                                                        | AGE 48         |     |
| ENARY | NETS IM CONTROL DICTIONARY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | _ NETS NETS NETS NETS BPOI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | PREF<br>IM DECK<br>IM REAL<br>IM REAL<br>NT VIRT<br>HG VIRT                                                      | TUAL TUAL                                            | START=O.LENG<br>LOG=O.LENGT)<br>LOG=O.LENGT!<br>LOG=O.LENGT!<br>SECT. 4.GALI<br>SECT. 5.GALI                                                                                                                                                                                                                                                 | 04/1<br><br>GTH=2245, TYP<br>H=2245<br>H=0<br>L                         | NETSIM17                                                        | AGE 48         |     |
| ENARY | NETSIM CONTROL DICTIONARY  ***ACOICT NETS  CARO IO. NETSIM18 004305000000 00004000000 452363623144 00000000000 452563623144 00000000000 224746314563 200000100000 45256323027 200000100000 274751636060 20000100000 226736336060                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | L METS NETS NETS NETS NETS NETS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | PREF<br>IM DECK<br>IM REAL<br>IM REAL<br>NT VIRT<br>HG VIRT                                                      | TUAL TUAL                                            | START-O.LENG<br>LOG-O.LENGTH<br>LOC-O.LENGTH<br>LOC-O.LENGTH<br>SECT. 4.GALI<br>SECT. 5.GALI                                                                                                                                                                                                                                                 | 04/1<br><br>GTH=2245, TYP<br>H=2245<br>H=0<br>L                         | NETSIM17                                                        | AGE 48         |     |
| INARY | NETS IM CONTROL DICTIONARY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | _ NETS NETS NETS NETS BPOI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | PREF<br>IM DECK<br>IM REAL<br>IM REAL<br>NT VIRT<br>VIRT<br>VIRT                                                 | UAL<br>UAL                                           | START=O.LENG<br>LOG=O.LENGT)<br>LOG=O.LENGT!<br>LOG=O.LENGT!<br>SECT. 4.GALI<br>SECT. 5.GALI                                                                                                                                                                                                                                                 | 04/1<br><br>GTH=2245, TYP<br>H=2245<br>H=0<br>H=0<br>L                  | NETSIM17                                                        | AGE 48         |     |
| INARY | NETSIM CONTROL DICTIONARY  ***ACOICT NETS  CARO IO. NETSIM18 004305000000 00004000000 452363623144 00000000000 452563623144 00000000000 224746314563 200000100000 22474514563 20000100000 274751636060 20000100000 226346366060 200000100000 226344266060 200000100000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | L METS NETS NETS NETS NETS OFFT EXIT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | PREF<br>IM DECK<br>IM REAL<br>IM REAL<br>NT VIRT<br>VIRT<br>VIRT<br>VIRT                                         | UAL<br>UAL<br>UAL                                    | START-O.LENG<br>LOG-O.LENGTH<br>LOC-O.LENGTH<br>LOC-O.LENGTH<br>SECT. 5.CALI<br>SECT. 5.CALI<br>SECT. 6.CALI<br>SECT. 7.CALI                                                                                                                                                                                                                 | 04/1<br><br>GTH= 2245, TYP<br>H=2245<br>H=0<br>L                        | NETSIM17                                                        | AGE 48         |     |
| ENARY | NETSIM CONTROL DICTIONARY  ***ACDICT_NETS  004305000000 00004000000 452563623144 000000000000 452563623144 0000000000000 22574651563 20000100000 274751636060 200000100000 226346266060 200000100000 234644266060 200000100000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | METS NETS NETS NETS NETS GPOI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | PREF<br>IM DECK<br>IM REAL<br>IM REAL<br>NT VIRT<br>VIRT<br>VIRT<br>VIRT                                         | UAL<br>UAL<br>UAL                                    | START-O,LENGT) LOG-O,LENGT) LOC-O,LENGT) SECT. 4,GALI SECT. 5,CALI SECT. 7,CALI                                                                                                                                                                                                                                                              | 04/1<br><br>GTH= 2245, TYP<br>H=2245<br>H=0<br>L                        | NETSIM17                                                        | AGE 48         |     |
| ENARY | NETS IM CONTROL DICTIONARY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | METS NETS NETS NETS NETC GPRT EXIT BTOF                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | PREF<br>IM DECK<br>IM REAL<br>IM REAL<br>NT VIRT<br>VIRT<br>VIRT<br>VIRT                                         | UAL<br>UAL<br>UAL<br>UAL                             | START=O.LENG<br>LOC=O.LENGTI<br>LOC=O.LENGTI<br>SECT. 4.GALI<br>SECT. 5.CALI<br>SECT. 6.CALI<br>SECT. 7.CALI<br>SECT. 8.CALI<br>SECT. 9.CALI                                                                                                                                                                                                 | 04/1<br>                                                                | NETSIM17                                                        | AGE 48         |     |
| ENARY | NETSIM CONTROL DICTIONARY  ***ACDICT_NETS  004305000000 00004000000 452563623144 000000000000 452563623144 0000000000000 22574651563 20000100000 274751636060 200000100000 226346266060 200000100000 234644266060 200000100000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | METS NETS NETS NETS NETC GPRT EXIT BTOF                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | PREF<br>IM DECK<br>IM REAL<br>IM REAL<br>NT VIRT<br>VIRT<br>VIRT<br>VIRT                                         | UAL<br>UAL<br>UAL<br>UAL                             | START-O.LENG<br>LOG-O.LENGTH<br>LOC-O.LENGTH<br>LOC-O.LENGTH<br>SECT. 5.CALI<br>SECT. 5.CALI<br>SECT. 6.CALI<br>SECT. 7.CALI                                                                                                                                                                                                                 | 04/1<br><br>GTH=2245, TYP<br>H=0<br>H=0<br>L                            | NETSIM17                                                        | AGE 48         |     |
|       | NETS IM CONTROL DICTIONARY  ***********************************                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | METS NETS NETS NETS NETC GPRT EXIT BTOF                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | PREF<br>IM DECK<br>IM REAL<br>IM REAL<br>NT VIRT<br>VIRT<br>VIRT<br>VIRT                                         | UAL<br>UAL<br>UAL<br>UAL                             | START=O.LENG<br>LOC=O.LENGTI<br>LOC=O.LENGTI<br>SECT. 4.GALI<br>SECT. 5.CALI<br>SECT. 6.CALI<br>SECT. 7.CALI<br>SECT. 8.CALI<br>SECT. 9.CALI                                                                                                                                                                                                 | 04/1<br><br>GTH=2245, TYP<br>H=0<br>H=0<br>L                            | NETSIM17                                                        | AGE 48         |     |
|       | NETSIM CONTROL DICTIONARY  ***ACOLCT NETS  004305000000 00004000000 452563623144 000000000000 452563623144 0000000000000 224746314563 200000100000 274751636060 20000100000 274751636060 20000100000 225634626660 20000100000 23464626660 20000100000 23464626660 20000100000 332647514533 200000100000 CARD ID. NETSIM19                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | LETS NETS NETS NETS NETCO RETCO GPRT EXIT BTOF COMB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | PREFIM DECK IM REAL IM REAL NT VIRT VIRT VIRT VIRT VIRT VIRT                                                     | UAL<br>UAL<br>UAL<br>UAL<br>UAL                      | START-O.LENG<br>LOG-O.LENGTH<br>LOC-O.LENGTH<br>SECT. 5.CALI<br>SECT. 5.CALI<br>SECT. 6.CALI<br>SECT. 8.CALI<br>SECT. 9.CALI<br>SECT. 9.CALI                                                                                                                                                                                                 | 04/1<br><br>GTH= 2245, TYP<br>H=2245<br>H=0<br>L<br>L                   | NETSIM17                                                        | AGE 48         |     |
|       | NETS IM CONTROL DICTIONARY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | LETS NETS NETS NETS NETCO RETCO GPRT EXIT BTOF COMB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | PREF<br>IM DECK<br>IM REAL<br>IM REAL<br>NT VIRT<br>VIRT<br>VIRT<br>VIRT                                         | UAL<br>UAL<br>UAL<br>UAL<br>UAL                      | START=O.LENG<br>LOC=O.LENGTI<br>LOC=O.LENGTI<br>SECT. 4.GALI<br>SECT. 5.CALI<br>SECT. 6.CALI<br>SECT. 7.CALI<br>SECT. 8.CALI<br>SECT. 9.CALI                                                                                                                                                                                                 | 04/1<br><br>GTH= 2245, TYP<br>H=2245<br>H=0<br>L<br>L                   | NETSIM17                                                        | AGE 48         |     |
|       | NETSIM CONTROL DICTIONARY  ***ACOLCT NETS  004305000000 00004000000 452563623144 000000000000 452563623144 0000000000000 224746314563 200000100000 274751636060 20000100000 274751636060 20000100000 225634626660 20000100000 23464626660 20000100000 23464626660 20000100000 332647514533 200000100000 CARD ID. NETSIM19                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | _ NETS NETS NETS NETS NETC GPRT EXIT BTOF COMBFPR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | PREFIM DECK IM REAL IM REAL NT VIRT VIRT VIRT VIRT VIRT VIRT                                                     | UAL<br>UAL<br>UAL<br>UAL<br>UAL                      | START-O.LENG<br>LOG-O.LENGTI<br>LOC-O.LENGTI<br>SECT. 4.GALI<br>SECT. 5.GALI<br>SECT. 6.GALI<br>SECT. 7.GALI<br>SECT. 9.GALI<br>SECT. 10.GAI                                                                                                                                                                                                 | 04/1<br><br>GTH=2245, TYP<br>H=0<br>H=0<br>L<br>L                       | NETSIM17                                                        | AGE 48         |     |
|       | NETS IM CONTROL DICTIONARY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | METS NETS NETS NETS NETCI GPRT EXIT BTOF COMBFPR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | PREF IM DECK IM REAL IM REAL NT VIRT VIRT VIRT VIRT VIRT VIRT T VIRT T VIRT                                      | TUAL<br>TUAL<br>TUAL<br>TUAL<br>TUAL<br>TUAL         | START-O.LENG<br>LOG-O.LENGTH<br>LOC-O.LENGTH<br>SECT. 4.CALI<br>SECT. 5.CALI<br>SECT. 6.CALI<br>SECT. 7.CALI<br>SECT. 9.CALI<br>SECT. 10.CAI                                                                                                                                                                                                 | 04/1 GTH=2245, TYP H=2245 H=0 L L L L                                   | NETSIM17                                                        | AGE 48         |     |
|       | NETS IM CONTROL DICTIONARY  ***ACDICT NETS  **CONTROL DICTIONARY  **CONTROL DICTIONARY  ***ACDICT NETS  **CONTROL DICTIONARY  **CONT | METS NETS NETS NETS NETCI GPRT EXIT BTOF COMBFPR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | PREFIM DECK IM REAL IM REAL NT VIRT VIRT VIRT VIRT VIRT VIRT T VIRT                                              | TUAL<br>TUAL<br>TUAL<br>TUAL<br>TUAL<br>TUAL         | START-O.LENG<br>LOG-O.LENGTI<br>LOC-O.LENGTI<br>SECT. 4.GALI<br>SECT. 5.GALI<br>SECT. 6.GALI<br>SECT. 7.GALI<br>SECT. 9.GALI<br>SECT. 10.GAI                                                                                                                                                                                                 | 04/1 GTH=2245, TYP H=2245 H=0 L L L L                                   | NETSIM17                                                        | AGE 48         |     |
|       | NETSIM CONTROL DICTIONARY  ***ACOLCT NETS  **CARO IO. NETSIM18 004305000000 00004000000 452563623144 000000000000 452563623144 0000000000000 224746314563 200000100000 224746314563 200000100000 274751636060 20000100000 2256731634060 20000100000 2256731634060 20000100000 23464626060 20000100000 23464626060 20000100000 332647514533 200000100000  CARD IO. NETSIM19 512445256360 20000100000 455163452563 200000100000 332647314533 200000100000 33264314333 200000100000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | LETS NETS NETS NETS NETCO RETCO RETC | PREF IM DECK IM REAL IM REAL NT VIRT VIRT VIRT VIRT VIRT T VIRT ET VIRT L. VIRT                                  | UAL<br>UAL<br>UAL<br>UAL<br>UAL<br>UAL<br>UAL        | START-O.LENG LOG-O.LENGTH LOC-O.LENGTH SECT. 4.GALI SECT. 5.GALI SECT. 6.CALI SECT. 8.CALI SECT. 9.CALI SECT. 10.GAI SECT. 11.CAI SECT. 12.GAI                                                                                                                                                                                               | 04/1                                                                    | NETSIM17                                                        | AGE 48         |     |
|       | NETS IM CONTROL DICTIONARY  ***ACDICT NETS  **CONTROL DICTIONARY  **CONTROL DICTIONARY  ***ACDICT NETS  **CONTROL DICTIONARY  **CONT | LETS NETS NETS NETS NETCO RETCO RETC | PREF IM DECK IM REAL IM REAL NT VIRT VIRT VIRT VIRT VIRT VIRT T VIRT T VIRT                                      | UAL<br>UAL<br>UAL<br>UAL<br>UAL<br>UAL<br>UAL        | START-O.LENG<br>LOG-O.LENGTH<br>LOC-O.LENGTH<br>SECT. 4.CALI<br>SECT. 5.CALI<br>SECT. 6.CALI<br>SECT. 7.CALI<br>SECT. 9.CALI<br>SECT. 10.CAI                                                                                                                                                                                                 | 04/1                                                                    | NETSIM17                                                        | AGE 48         |     |
| -     | NETSIM CONTROL DICTIONARY  ***ACOLCT NETS  **CARO IO. NETSIM18 004305000000 00004000000 452563623144 000000000000 452563623144 0000000000000 224746314563 200000100000 274751636060 20000100000 274751636060 20000100000 2256731631600 20000100000 234644226060 20000100000 234644226060 20000100000 332647514513 200000100000  CARD IO. NETSIM19 512445256360 20000100000 332647514533 200000100000 332647514533 200000100000 332647514533 200000100000 24644447001 200000100000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | L METS  NETS  NETS  NETS  NETC  GPRT  EXIT  BTOF  COMB FPRI  RDNE  HRTML  FFILI  DUMM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | PREF IM DECK IM REAL IM REAL NT VIRT VIRT VIRT VIRT VIRT T VIRT ET VIRT L. VIRT                                  | UAL UAL UAL UAL UAL UAL UAL UAL                      | START-O.LENG LOG-O.LENGTH LOC-O.LENGTH SECT. 4.GALI SECT. 5.GALI SECT. 6.CALI SECT. 8.CALI SECT. 9.CALI SECT. 10.GAI SECT. 11.CAI SECT. 12.GAI                                                                                                                                                                                               | 04/1 GTH= 2245, TYP H=2245 H=0 L L L L L L L L L L L L L L L L L L L    | NETSIM17                                                        | AGE 48         |     |
|       | NETS IM CONTROL DICTIONARY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | L METS  NETS  NETS  NETS  NETC  GPRT  EXIT  STOF  COMB FPRI  RDNE:  MRTBU  OUMM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | PREFIN DECK IM REAL IM REAL IM VIRT VIRT VIRT VIRT T VIRT ET VIRT L. VIRT Y2 VIRT                                | UAL<br>UAL<br>UAL<br>UAL<br>UAL<br>UAL<br>UAL<br>UAL | START-O.LENG LOG-O.LENGTH LOG-O.LENGTH SECT. 4.GALI SECT. 5.GALI SECT. 7.GALI SECT. 9.GALI SECT. 10.GALI SECT. 12.GALI SECT. 12.GALI SECT. 13.GALI SECT. 14.GALI                                                                                                                                                                             | 04/1 GTH=2245, TYP H=2245 H=0 H=0 L L L L L L L L L L L L L L L L L L L | NETSIM17                                                        | AGE 48         |     |
|       | NETS IM CONTROL DICTIONARY  ***********************************                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | L METS  NETS  NETS  NETS  NETC  GPRT  EXIT  STOF  COMB FPRI  RDNE:  MRTBU  OUMM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | PREFIN DECK IM REAL IM REAL NT VIRT VIRT VIRT VIRT T VIRT ET VIRT VI VIRT                                        | UAL<br>UAL<br>UAL<br>UAL<br>UAL<br>UAL<br>UAL<br>UAL | START-O.LENG<br>LOG-O.LENGTH<br>LOC-O.LENGTH<br>SECT. 5.CALI<br>SECT. 5.CALI<br>SECT. 7.CALI<br>SECT. 7.CALI<br>SECT. 10.CALI<br>SECT. 10.CALI<br>SECT. 11.CALI<br>SECT. 12.CALI<br>SECT. 12.CALI<br>SECT. 13.CALI                                                                                                                           | 04/1 GTH=2245, TYP H=2245 H=0 H=0 L L L L L L L L L L L L L L L L L L L | NETSIM17                                                        | AGE 48         |     |
|       | NETSIM CONTROL DICTIONARY  ACOLCT NETS  ACOLCT NETSIM18 004305000000 00004000000 452563623144 000000000000 452563623144 00000000000000 224746314563 200000100000 274751636060 20000100000 274751636060 20000100000 22567316346060 20000100000 23464426060 20000100000 23464426060 20000100000 332647514533 20000100000 CARD 10. NETSIM19 512445256360 20000100000 332647514533 20000100000 3326474479001 200000100000 24644447001 200000100000 246444447001 200000100000 33262626333 200000100000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | LETS  NETS  NETS  NETS  NETCI  GPRT  EXIT  6TOF  COMB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | PREFIM DECK IM REAL IM REAL NT VIRT VIRT VIRT VIRT T VIRT ET VIRT L. VIRT Y2 VIRT T. VIRT                        | TUAL TUAL TUAL TUAL TUAL TUAL TUAL TUAL              | START-O.LENG LOG-O.LENGTH LOC-O.LENGTH SECT. 4.GALI SECT. 5.GALI SECT. 6.CALI SECT. 7.CALI SECT. 8.CALI SECT. 10.GAI SECT. 12.GAI SECT. 13.GAI SECT. 14.CAI SECT. 15.GAI                                                                                                                                                                     | 04/1 67H=2245, TYP H=2245 H=0 H=0 L L L L L L L L L L L L L L L L L L L | NETSIM17                                                        | AGE 48         |     |
|       | NETS IM CONTROL DICTIONARY  ***********************************                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | LIM LETS  NETS  NETS  NETS  NETC  GPRT  EXIT  BTOF  COMB  FPRI  DUMM'  FFSI  OUMM'  FFSS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | PREFIM DECK IM REAL IM REAL NT VIRT VIRT VIRT VIRT T VIRT L. VIRT Y2 VIRT T. VIRT                                | UAL              | START-O.LENG<br>LOG-O.LENGTH<br>LOC-O.LENGTH<br>SECT. 4.GALI<br>SECT. 5.CALI<br>SECT. 6.CALI<br>SECT. 7.CALI<br>SECT. 8.CALI<br>SECT. 10.CAI<br>SECT. 12.CAI<br>SECT. 12.CAI<br>SECT. 13.CAI<br>SECT. 14.CAI<br>SECT. 15.CAI<br>SECT. 15.CAI                                                                                                 | 04/1 6TH=2245, TYP 4=2245 H=0 L L L L L L L L L L L L L L L L L L L     | NETSIM17                                                        | AGE 48         |     |
|       | NETSIM CONTROL DICTIONARY  ACOLCT NETS  004305000000 00004000000 452363623144 000000000000 452563623144 0000000000000 224746314563 200000100000 274751636060 20000100000 274751636060 20000100000 225634234563 200000100000 2364426660 20000100000 23464426660 20000100000 23464426660 20000100000 23464426060 20000100000 23464426060 20000100000 23464447001 20000100000 24644447001 200000100000 24644447001 200000100000 33262526333 200000100000 33262526333 200000100000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | LIM LETS  NETS  NETS  NETS  NETC  GPRT  EXIT  BTOF  COMB  FPRI  DUMM'  FFSI  OUMM'  FFSS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | PREFIM DECK IM REAL IM REAL NT VIRT VIRT VIRT VIRT T VIRT ET VIRT L. VIRT Y2 VIRT T. VIRT                        | UAL              | START-O.LENG LOG-O.LENGTH LOC-O.LENGTH SECT. 4.GALI SECT. 5.GALI SECT. 6.CALI SECT. 7.CALI SECT. 8.CALI SECT. 10.GAI SECT. 12.GAI SECT. 13.GAI SECT. 14.CAI SECT. 15.GAI                                                                                                                                                                     | 04/1 6TH=2245, TYP 4=2245 H=0 L L L L L L L L L L L L L L L L L L L     | NETSIM17                                                        | AGE 48         |     |
|       | NETS IM CONTROL DICTIONARY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | LIM _  NETS  NETS  NETS  NETS  NETC  GPRT  EXIT  GTOF  COMB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | PREFIN DECK IM REAL IM REAL IM VIRT VIRT VIRT VIRT VIRT T VIRT L. VIRT Y2 VIRT T. VIRT T. VIRT                   | TUAL TUAL TUAL TUAL TUAL TUAL TUAL TUAL              | START-O.LENG LOG-O.LENGTI LOG-O.LENGTI SECT. 4.GALI SECT. 5.GALI SECT. 7.GALI SECT. 9.GALI SECT. 10.GAI SECT. 12.GAI SECT. 13.GAI SECT. 15.GAI SECT. 15.GAI SECT. 15.GAI                                                                                                                                                                     | 04/1 GTH=2245, TYP H=2245 H=0 H=0 L L L L L L L L L L L L L L L L L L L | NETSIM17                                                        | AGE 48         |     |
|       | NETS IM CONTROL DICTIONARY  ***ACDICT NETS  **CARD ID.** NETS IM18 004305000000 00004000000 452563623144 000000000000 452563623144 0000000000000 224746314563 200000100000 224746314563 200000100000 274751636060 200000100000 274751636060 200000100000 23464266060 200000100000 23464266060 200000100000 332647514533 200000100000 332647514533 200000100000 332647514533 200000100000 3326464447001 20000100000 24644447001 20000100000 234644477001 20000100000 3326265333 200000100000 33262526333 200000100000 33262526333 200000100000 332665512233 200000100000 332665512233 200000100000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | LIM _  NETS  NETS  NETS  NETS  NETC  GPRT  EXIT  GTOF  COMB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | PREFIM DECK IM REAL IM REAL NT VIRT VIRT VIRT VIRT T VIRT L. VIRT Y2 VIRT T. VIRT                                | TUAL TUAL TUAL TUAL TUAL TUAL TUAL TUAL              | START-O.LENG<br>LOG-O.LENGTH<br>LOC-O.LENGTH<br>SECT. 4.GALI<br>SECT. 5.CALI<br>SECT. 6.CALI<br>SECT. 7.CALI<br>SECT. 8.CALI<br>SECT. 10.CAI<br>SECT. 12.CAI<br>SECT. 12.CAI<br>SECT. 13.CAI<br>SECT. 14.CAI<br>SECT. 15.CAI<br>SECT. 15.CAI                                                                                                 | 04/1  GTH= 2245, TYP  H=0  H=0  L  L  L  L  L  L  L  L  L  L  L  L  L   | NETSIM17                                                        | AGE 48         |     |
|       | NETS IM CONTROL DICTIONARY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | LIM _  NETS  NETS  NETS  NETS  NETC  GPRT  EXIT  GTOF  COMB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | PREFIM DECK IM REAL IM REAL NT VIRT VIRT VIRT VIRT T VIRT ET VIRT T. VIRT T. VIRT T. VIRT T. VIRT T. VIRT        | TAGE TUAL TUAL TUAL TUAL TUAL TUAL TUAL TUAL         | START-O.LENG LOG-O.LENGTH LOC-O.LENGTH SECT. 4.GALI SECT. 5.GALI SECT. 6.CALI SECT. 7.CALI SECT. 10.GAI SECT. 12.GAI SECT. 13.GAI SECT. 14.CAI SECT. 15.GAI SECT. 15.GAI SECT. 16.GAI                                                                                                                                                        | 04/1  67H=2245, TYP  H=2245  H=0  L  L  L  L  L  L  L  L  L  L  L  L  L | NETSIM17                                                        | AGE 48         |     |
|       | NETS IM CONTROL DICTIONARY  \$COLCT_NETS  004305000000 00004000000 452563623144 00000000000 452563623144 000000000000 452563623144 0000000000000 224746314563 200000100000 224746314563 200000100000 274751636060 20000100000 23464266060 200000100000 23464266060 200000100000 332647514533 200000100000 332647514533 200000100000 332647514533 200000100000 332647514533 200000100000 3326464447001 20000100000 3444447001 20000100000 3444447001 20000100000 3444447001 20000100000 3326263333 200000100000 332625264333 200000100000 332645512433 200000100000 332646512433 200000100000 33266512233 200000100000 332666512233 200000100000 332666512433 200000100000 332666512433 200000100000 332666512433 200000100000 332666512433 200000100000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | LIM _  _ NETS  NETS  NETS  NETS  NETC  GPRT  EXIT  BTOF  COMB  FPR  ADNE  FFII  DUMM  FFI  FIR  FUR  SQRT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | PREFIM DECK IM REAL IM REAL NT VIRT VIRT VIRT VIRT T VIRT L. VIRT T VIRT T. VIRT T. VIRT T. VIRT T. VIRT O. VIRT | UAL              | START-O-LENG<br>LOG-O-LENGTH<br>LOC-O-LENGTH<br>SECT. 4-GALI<br>SECT. 5-CALI<br>SECT. 6-CALI<br>SECT. 7-CALI<br>SECT. 8-CALI<br>SECT. 10-CAI<br>SECT. 12-CAI<br>SECT. 12-CAI<br>SECT. 13-CAI<br>SECT. 14-CAI<br>SECT. 15-CAI<br>SECT. 15-CAI<br>SECT. 17-CAI<br>SECT. 17-CAI<br>SECT. 18-CAI<br>SECT. 18-CAI<br>SECT. 18-CAI<br>SECT. 19-CAI | 04/1 6TH=2245, TYP 4=2245 H=0 L L L L L L L L L L L L L L L L L L L     | NETSIM17                                                        | AGE 48         |     |
|       | NETS IM CONTROL DICTIONARY  ***ACDICT NETS  CARD ID. NETS IM18  00430500000 00004000000 452563623144 00000000000 452563623144 000000000000 452563623144 00000000000 224746314563 20000100000 274751636060 20000100000 274751636060 20000100000 236731636060 20000100000 2364266060 20000100000 23644266060 20000100000 23646426660 20000100000 33264531433 20000100000 34644447901 20000100000 346444447001 20000100000 346444447002 20000100000 3326263133 200000100000 3326266312433 200000100000 332646512233 200000100000 33266512233 200000100000 332666512233 200000100000 332666512433 200000100000 332666512433 200000100000 332666512433 200000100000 332666512433 200000100000 332666512433 200000100000 332666512433 200000100000 332666512433 200000100000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | LIM _  _ NETS  NETS  NETS  NETS  NETC  GPRT  EXIT  BTOF  COMB  FPR  ADNE  FFII  DUMM  FFI  FIR  FUR  SQRT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | PREFIM DECK IM REAL IM REAL NT VIRT VIRT VIRT VIRT T VIRT ET VIRT T. VIRT T. VIRT T. VIRT T. VIRT T. VIRT        | UAL              | START-O.LENG LOG-O.LENGTH LOC-O.LENGTH SECT. 4.GALI SECT. 5.GALI SECT. 6.CALI SECT. 7.CALI SECT. 10.GAI SECT. 12.GAI SECT. 13.GAI SECT. 14.CAI SECT. 15.GAI SECT. 15.GAI SECT. 16.GAI                                                                                                                                                        | 04/1 6TH=2245, TYP 4=2245 H=0 L L L L L L L L L L L L L L L L L L L     | NETSIM17                                                        | AGE 48         |     |

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00601
03156
 25,65,143
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1290 . . .
 MUNIN
 03156
01543
04244
04245
04243
04252
 016902
 05
 077
 3505, 3514, 3527; 3540, 3551
 OFSCO
 3235
 01111
 OFF
 1110
 1055, 1142, 1144, 1651, 1654
755, 763, 775, 1022, 1030, 1042, 1050, 1075, 1115, 1117, 1706, 2100, 2336, 2205, 2211, 2251, 2320, 2376, 2461, 2526, 2546, 3236
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 OFLOW
 OIR
OLDF
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OLD
ONELEY
ONEREC
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OPSNUM
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1010,1012
 OPTS
OPUT
OSIZE
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01054
 00310
 1271,1276,1301,1442,1440,1473,150,
724,1076,1100,1235,1270,1275,1500,3255
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751,1013,1647,1653,1665,2073,2115,2325,33'2
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 OSUMI
 01572
04015
00415
30044
03745
03763
01577
 OSUM
OUTBSR
 DVAL
 PBCD1
PBCD4
PCENTB
 1320, 1332, 1334, 1645
 PRENT
PRZ
PRINT
PRLIN
PRTRA
 00625
03566
03261
01011
 356
3263,3264,3563
1655
745,1005
3261
 03570
03574
03260
03433
 PSKP
QADTU
QBEF
 3230, 3243, 3256
3427, 3436
 QBEP
QPLP
QPRNT
QUOT
RANGE
_RBCD
READOP
 03429
03437
04033
 3565
3432, 3433
 01567
 1351
 3216
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SYMBOL REFERENCE DATA
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 READ
 READS
RECSKP
 00640
00151
 235,237,241
 233,237,241
461
335,337,350,363
1405
720,1402
721,1403
1306,1307,1446,1447,1530
1510,1511
 RESCT
RESET
REVER1
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C1416
01262
 01361
61777
01524
04027
 REVER2
 REVSIN
REVS
RSCAL
 BLCTR
UNQS
LCTR
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1702,1714 112,9212 1544,2775,3223 111,9211 1715

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SAT
SAV2
SAVEN
SAVFOR
SCALE
SCHED
 01202
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00714
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04025
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3201
1664
2552
 201, 2051, 3177, 3226
1323, 1372
2435, 2437, 2550
1077, 1710, 2253, 2400, 2463
SCHED
SET2
SETOZE
SETSW
SGWT
SHFOTP
SHT
SKIP
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03573
 01207
01206
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1336
1713
 SMALC2
SMALCH
SMALL
 013/3
01365
01717
 1713
2310
134
2164,2275
2246,2372,2456
770
1136
1677,1707,1711,1735,1767,1770,1772,2701
2025,2634,2644,2656,2660
 SMINUS
SMEXT
SPLUS
SQGHT
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30303
02512
02522
 SSUM
STABL
STRING
 02522
00753
01226
04043
 STRING
STRIR
SVAL
 02662
04031
30306
 1002.1062
SYAL
SYMB
TCYCL
TEMP
TEMTH
THREE
TOBIGI
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00627
04034
04003
 425
1233,1236
1232
 00577
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01551
01516
02765
02776
00441
04017
01135
00031
04016
04006
01665
 1345,1375,1541
1547
1504,1505
2704
2771
 TOBIG
 VMAROT
MOT
JATOT
 2771
330,332,352,364
722,1101,1124,1140
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1133
 TRIAL
TRI
TRYS
TSUM
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447
1657
 ULTIM
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SYMBOL REFERENCE DATA
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 UNSI
 01151
 1150
 UNSZ
UNSAT
UNSTA
WDONE
 02354
01150
00576
 2403
1137
457
 03774
03774
03201
04240
30316
04241
04127
04231
 WORDL
WRES
XITRY
 521
 XANDY
XCENT
XNUMM
 735
 743,3277
 XXXX
 743,321,
737,3301
351,1105,2471
1201,1616,1643
 04020
04232
04004
0 722
 Y
YYYY
ZERO
ZITER
222 00417 410
REFERENCES TO VIRTUAL SYMBOLS.
 BPDINT
 2566
1157,1617,1737,2553,2724,3340,335G,3437,3445,3453,3461,3467
100
4262
 8
9
14
15
 BTOF
COMB
DUMMY1
 DUMMY2
EXIT
GPRT
 4265
2507
3166
 6
28
30
 3106
474
3272,3274,3276,3330,3302,3304,3306,3310,3327
405
427,431,433,544,1173,1175,1633,1635,1637,1753,1755,2012,2014,2037,2035,2740,2742,3237,3364,
3377,3401,3403,3506,3510,3512,3517,3521,3523,3530,3532,3534,3541,3543,3545,3552,3554,3556
 .CLOSE
.FBLT.
.FBST.
 16
27
 .FLNV.
 3377,3401,3403,3506,3510,3512,3517,3521,3523,3530,3532,3534,3541,3543,3545,3552,3554,3556

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224,434,466,502,512,532,545,1176,1563,1640,1756,2015,2036,2504,2743,2772,3217,2240,3365,

3404,3414,3557

220,462,476,3213

3311,3314

3205,3311

3215,3315

421,505,3515
 .FEFT.
 17
13
 10
31
 .FPRN.
 .FWLR.
.FWRR.
 18
19
24
25
29
 421,505,525,536,1165,1556,1625,1745,2602,7023,2477,2732,2765,3231,3356,3371,3407,3475
 421,505,525,536,1165,1556,1625,1745,2002,7023,2477,2732,2765,3231,3356,3371,3407,3475
67
71,155,437
520,5270,3320
424,510,530,541,1170,1561,1630,1750,2005,2026,2502,2735,2770,3234,3361,3374,34.2,3500
 OPEN
READ
 . UNG3.
 .UNU6.
NETCHG
ADNET
 26
5
11
 105
 REAUCC
SCRT
SYSLUC
TPCK
WRINET
 2561
10
 61
3205
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 SIBFIC GPRT1 M94/2, XR7
 GPRT1
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 - EFN SOURCE STATEMENT - IFNES) -
 PAGE 190
 SUBROUTSNE GPRT (MGPR,GMPC,CMTR,MEXT,DPSMUM)
DIMFMSION IGWT(5),MEXT(1)
INTEGER GMPC,CMTR,COMNUM,DPSMUM
GO TO (20,20,30,30),MGPR
10 IF(GMPC,EQ,0)GD TO 7
30 CMTR-CMER*1
IF(CMTRJME,GMPC)GD TO 7
26 1=1
WRITE(6,5000)DPSNUM
2 ISYMS-MEXT(1+1)
CDMNUM-BSYMS/262144
LEVM-ISYMS-2621446-COMNUM
WRITE(6,1000)LEVN,COMNUM
IXANDY-MEXT(1+11)
IX=IXANDY-262144
IY=IXANDY-262144
IY=IXANDY-262144
IY=IXANDY-262146-IX
NLINES-BX+IY*I-1
J=0
4 DO 11 L=(,NLINES
J=J+1
LIME-NEXT(L+12)
IGMT(J)=LIME/262144
IGMT(J)=262144-IGMT(J),I,IGMT(J))
IF(L-EQJMLINES)J=5
IF(J-ME.S)GOTO 11
5 WRITE(6,1001)IGMT
DO 13 K=1,5
13 IGMT(K)=0
 12
 17
 33
 00 13 K=1.5
13 (GHT(K)=0
 42
 13 IGHT(K)=0

J=0

11 CONTINUE

I = MLINES+13

CNTR=0

IF (MEXTUI).EQ.0)GD TO 1

GO TO 2

1 IF (MGPRZEQ.11GMPC=0

IF (MGPRJEQ.4)MGPR=2

7 RETURN
 TRETURN

7 RETURN

1000 FORMATISHO,7X,11H COMPONENT ,13,1H.,12,11H G-ME;GHTS//1

1001 FORMAT($(10x,F14.8))

5000 FORMAT($H1,36H NEW G-WEIGHTS FROM RESULT OF INPUT ,14,///)
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 PAGE 191
SIBFTC RONETL M94/2, XR7
 ROMETL - EFN SOURCE STATEMENT - IFNIS) -
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 PAGE 192
 SUBROUTENE ROMET(SKIP, NETTAP, NETMAX)
DATA ENDNET/6HENDNET/
 LNK+1057
LNK+1058
LNK+1060
LNK+1060
LNK+1060
LNK+1064
LNK+1064
LNK+1065
LNK+1067
LNK+1067
LNK+1067
LNK+1070
LNK+1071
LNK+1071
LNK+1071
LNK+1073
LNK+1073
LNK+1073
 DIMENSION SKIP(NETMAX)
 DIMENSION SKIP(NETMAX)

1 J=1
K=200

1C READ(NETTAP) (SKIP(I),I=J,K)
IF(SKIP(J).EC.ENDNET) GO TO 50
J=J+200
K=K+200
IF(K.GT.NETMAX) GO TO 20
GO TO 10
20 PRINT 40
PAILSE
 3
 PAUSE
GO TO 1

C FORNATIASH *** NETWORK EXCEEDS SIZE OF NETWORK STORAGE.)

RETURN

THE PROPERTY OF THE PROPER
 20
 55
 LNK41076
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SIGFIC WETNEL M94/2, XR7

01/28/66

PACE 193

ALC: YOU THE THE REAL PROPERTY OF THE PARTY 
\* \*

| The same same same same same same same sam                                                                                                                                                                                                                                                     | 01/24/00                                                                                                                                 |          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|----------|
| MENEL - EFN SOURCE STATEMENT - IFN(S) -                                                                                                                                                                                                                                                        |                                                                                                                                          |          |
|                                                                                                                                                                                                                                                                                                | LNK41078                                                                                                                                 |          |
| SUBROUTAME INTMETISKIP, NETTAP, NETMAX) DATA ENDNET/AHENDMET/                                                                                                                                                                                                                                  | LNK41079                                                                                                                                 |          |
| DIMENSION SKIPINETPANI                                                                                                                                                                                                                                                                         | LNK41080                                                                                                                                 |          |
| HETTAP-12                                                                                                                                                                                                                                                                                      | LNK41083 2                                                                                                                               |          |
| 1 REWIND METTAP  Jol                                                                                                                                                                                                                                                                           | LNK41084                                                                                                                                 |          |
| K=200                                                                                                                                                                                                                                                                                          | LNK41085<br>LNK41086 4                                                                                                                   |          |
| to write(mettap) (SKIP(I),I=J,R) IF(SKIPLJ).EC.ENDMET) GO TO 50                                                                                                                                                                                                                                | LNK41087                                                                                                                                 |          |
| 1v1+500                                                                                                                                                                                                                                                                                        | LNK41088                                                                                                                                 |          |
| K+K+200                                                                                                                                                                                                                                                                                        | LNK41089<br>LNK41090                                                                                                                     |          |
| IFIK.GTJ NETMAK) GO TO 20<br>GO TO 10                                                                                                                                                                                                                                                          | LNK41091                                                                                                                                 |          |
| 20 PRINT 40                                                                                                                                                                                                                                                                                    | ENK41092 21                                                                                                                              |          |
| PAUS CALE METTAR                                                                                                                                                                                                                                                                               | LNK41093<br>LNK41094 22                                                                                                                  |          |
| END FILE METTAP<br>SO RETURN                                                                                                                                                                                                                                                                   |                                                                                                                                          |          |
| 4C FORMATIZTH ***NETWORK END NOT PRESENT                                                                                                                                                                                                                                                       | LNK41096<br>LNK41097                                                                                                                     |          |
| ENO                                                                                                                                                                                                                                                                                            |                                                                                                                                          |          |
|                                                                                                                                                                                                                                                                                                |                                                                                                                                          |          |
|                                                                                                                                                                                                                                                                                                | 01/24/66                                                                                                                                 | PAGE 195 |
|                                                                                                                                                                                                                                                                                                |                                                                                                                                          |          |
|                                                                                                                                                                                                                                                                                                |                                                                                                                                          |          |
|                                                                                                                                                                                                                                                                                                |                                                                                                                                          |          |
| SIBFYC TPCK1 M94/2, XR7                                                                                                                                                                                                                                                                        |                                                                                                                                          |          |
|                                                                                                                                                                                                                                                                                                |                                                                                                                                          |          |
|                                                                                                                                                                                                                                                                                                | 01/20/66                                                                                                                                 | PAGE 196 |
| TPCK1 - EFN SOURCE STATEMENT - IFNISI -                                                                                                                                                                                                                                                        |                                                                                                                                          |          |
|                                                                                                                                                                                                                                                                                                |                                                                                                                                          |          |
| SUBROUTINE TPCK(READOP, NUMIN, NAPES) INTEGER READOP                                                                                                                                                                                                                                           |                                                                                                                                          |          |
| RBAD (4) IRDDP, NNUMIN, NNAMES                                                                                                                                                                                                                                                                 | ì                                                                                                                                        |          |
| IF(IRDOP.NE.READOP.OR.NNUMIN.NE.NUMIN.OR.NNAMES.NE.NAMESIGOTO                                                                                                                                                                                                                                  | 1 7                                                                                                                                      |          |
| WRITE (641000) READDP, NUMIN NAMES<br>RETURN                                                                                                                                                                                                                                                   | •                                                                                                                                        |          |
| 1 WRITE (641001) IRDOP, READOP, NUMEN, NUMEN, NUMES, NAMES                                                                                                                                                                                                                                     | 8                                                                                                                                        |          |
| STOP 1001 FORMAT(41H TAPE DOES NOT AGREE WITH CONTROL VALUES.//                                                                                                                                                                                                                                |                                                                                                                                          |          |
| 17x,6HIRBOP*,14,3x,7HREADOP*,14/6x,7HNNUMIN*,14,3x,6HNUMIN*,14                                                                                                                                                                                                                                 | /                                                                                                                                        |          |
| 26%, 7HNNAMES=, [4, 3%, 6HNAMES=, [4]                                                                                                                                                                                                                                                          |                                                                                                                                          |          |
| 1000 FORMATI?X,7HREADOP=,14,/7X,6HNUMIN,14/7X,6HNAMES=,14) END                                                                                                                                                                                                                                 |                                                                                                                                          |          |
| EM                                                                                                                                                                                                                                                                                             |                                                                                                                                          |          |
|                                                                                                                                                                                                                                                                                                |                                                                                                                                          | ****     |
| REACC - EFN SOURCE STATEMENT - LFN(S) -                                                                                                                                                                                                                                                        | 03/01/66                                                                                                                                 | PAGE 60  |
|                                                                                                                                                                                                                                                                                                |                                                                                                                                          |          |
| SUBROUTINE REAUCCIINDICT, A1, A2, B2, C2, D2, A3, h3, A4, B4, C4, FFSPC                                                                                                                                                                                                                        | •                                                                                                                                        |          |
| 1FFSWT, Y. GMPC. PGPR.C. CCMBIN)                                                                                                                                                                                                                                                               | ••                                                                                                                                       |          |
| DIMENSION FFSPC(60)                                                                                                                                                                                                                                                                            | LNK41100                                                                                                                                 |          |
| INTÉGER A1,A2,B2,C2,D2,A3,B3,A4,B4,GMPC,CMTR,Y,C<br>INTEGER FFSWT,COMBIN                                                                                                                                                                                                                       | LNK41161                                                                                                                                 |          |
| REAL F3N,F3M                                                                                                                                                                                                                                                                                   | LNK41102                                                                                                                                 |          |
| DATA MORS,N/4H SUM, 3HINP/                                                                                                                                                                                                                                                                     | LNK41104                                                                                                                                 |          |
| INDIC!*O                                                                                                                                                                                                                                                                                       | (NK41105                                                                                                                                 |          |
| CREAD CONTROL CARDS                                                                                                                                                                                                                                                                            | LNK41106                                                                                                                                 |          |
| C WRIT5(6,5001)                                                                                                                                                                                                                                                                                | LNK41107<br>2                                                                                                                            |          |
| READ(5,7C90)[N,[X,A1,A2,B2,C2,D2,A3,B3,A4,B4,C4,MS,Y,C,GWPC;                                                                                                                                                                                                                                   | MGPR                                                                                                                                     |          |
| 1,1SQGWT,COMBIN<br>IF(IN.NE.NIGO TO 7                                                                                                                                                                                                                                                          | 3                                                                                                                                        |          |
| 6                                                                                                                                                                                                                                                                                              | LNK41113                                                                                                                                 |          |
| IF(1SQGHT.NE.C) NDICT=INDICT+512                                                                                                                                                                                                                                                               | 27                                                                                                                                       |          |
| CALL BPOINT(C4,0) IF(IX.GT.4.OR.IX.LT.1) GO TO 70                                                                                                                                                                                                                                              | LNK4.115                                                                                                                                 |          |
| 1F(1X-2) 30,4C,1C                                                                                                                                                                                                                                                                              | LNK41116                                                                                                                                 |          |
|                                                                                                                                                                                                                                                                                                |                                                                                                                                          |          |
| 10 IF(1x-3) 20,2C,50                                                                                                                                                                                                                                                                           | LNK41117<br>  NK41118                                                                                                                    |          |
| 10 IF([x-3) 20,2C,50<br>20 INDICT=1PDICT+16<br>GO TO 66                                                                                                                                                                                                                                        | LNK41117<br>LNK41118<br>LNK41119                                                                                                         |          |
| 10 IF(1X-3) 20,2C,50<br>20 INDICT+1VDICT+16<br>G0 T0 66<br>30 INDICT+1hDICT+4                                                                                                                                                                                                                  | LNK41118<br>LNK41119<br>ENK41120                                                                                                         |          |
| 10 IF(IX-3) 20,2C,50 20 INDICT*!NDICT*16 GD TO 60 30 INDICT*!NDICT+4 GD TO 60                                                                                                                                                                                                                  | LNK41118<br>LNK41119                                                                                                                     |          |
| 10 IF(IX-3) 20,2C,50 20 INDICT=INDICT+16 GO TO 60 30 INDICT=INDICT+4 GO TO 60 40 INDICT=INDICT+8 GO TO 60                                                                                                                                                                                      | LNK41118<br>LNK41120<br>LNK41121<br>LNK41122<br>LNK41123                                                                                 |          |
| 10 IF(1x-3) 20,2C,50 20 INDICT=!NDICT+16 G0 T0 60 30 INDICT=!NDICT+4 G0 T0 60 40 INDICT=!NDICT+8 G0 T0 60 50 INDICT=!NDICT+32                                                                                                                                                                  | LNK41118<br>LNK41120<br>LNK41121<br>LNK41121<br>LNK41122<br>LNK41123<br>LNK41124                                                         |          |
| 10 IF(IX-3) 20,2C,50 20 INDICT=INDICT+16 GO TO 60 30 INDICT=INDICT+4 GO TO 60 40 INDICT=INDICT+8 GO TO 60                                                                                                                                                                                      | LNK41118<br>LNK41120<br>LNK41121<br>LNK41122<br>LNK41123                                                                                 |          |
| 10 IF(IX-3) 20,2C,50 20 INDICT=INDIC+16 G0 T0 60 30 INDICT=INDICT+4 G0 T0 60 40 INDICT=INDICT+8 G0 T0 60 50 INDICT=INDICT+82 60 IF(MORS.EQ.MS) INDICT=INDICT+256 FFSMI=0 IF(C.EQ.c)G0 TO 80                                                                                                    | LNK41118<br>LNK41119<br>LNK41120<br>LNK41121<br>LNK41123<br>LNK41123<br>LNK41124<br>LNK41127                                             |          |
| 10 IF(IX-3) 20,2C,50 20 INDICT=INDICT+16 GD TO 66 30 INDICT=INDICT+4 GD TO 60 40 INDICT=INDICT+8 GD TO 60 50 INDICT=INDICT+32 60 IF(MDRS.EQ.MS) INDICT=INDICT+256 FFSMI=0 IF(C.EQ.C)GD TO 80 NN9CDS=4+C                                                                                        | LNK41118<br>LNK41119<br>LNK41120<br>LNK41121<br>LNK41123<br>LNK41123<br>LNK41124<br>LNK41127                                             |          |
| 10 IF(IX-3) 20,2C,50 20 INDICT=INDICT+16 GD TO 60 30 INDICT=INDICT+4 GD TO 60 40 INDICT=INDICT+8 GD TO 60 50 INDICT=INDICT+32 60 IF(MORS.EQ.MS) INDICT=INDICT+256 FFSMI=0 IF(C.EQ.C)GO TO 80 NNYCOS=4+C READ15,710011FFSPC(K),K=1,NNYCUS) OO 70 I=1, NNCCUS                                    | LNK41118<br>LNK41120<br>LNK41121<br>LNK41122<br>LNK41123<br>LNK41124<br>LNK41127<br>LNK41126                                             |          |
| 10 IF(IX-3) 20,2C,50 20 INDICT=INDICT+16 GD TO 66 30 INDICT=INDICT+4 GD TO 60 40 INDICT=INDICT+3 GD TO 60 50 INDICT=INDICT+32 60 IF(MORS-EQ,MS) INDICT=INDICT+256 FFSMI=0 IF(C-EQ,C)GO TO 80 NNYOOS=4+C READI5,71001FFSPC(K),K=1,NNYCUS) OO 70 I=1, NNCCUS 70 CALL BPOINT(FFSPC(I),0)          | LNK41118 LNK41119 LNK41120 LNK41121 LNK41122 LNK41123 LNK41124 LNK41127 LNK41126  49 LNK41132 LNK41132                                   |          |
| 10 IF(IX-3) 20,2C,50 20 INDICT=INDICT+16 GO TO 66 30 INDICT=INDICT+4 GO TO 60 40 INDICT=INDICT+8 GO TO 60 50 INDICT=INDICT+32 60 IF(MORS.EQ.MS) INDICT=INDICT+256 FFSMT+0 IF(C.EQ.C)GO TO 80 MNOCDS=4+C READ15,71001(FFSPC(K),K=L,NNOCOS) OO 70 I=1, NNCCUS 70 CALL BPOINT(FFSPC(I),O) FFSMT+1 | LNK4:1136<br>LNK4:1120<br>LNK4:121<br>LNK4:122<br>LNK4:123<br>LNK4:123<br>LNK4:127<br>LNK4:127<br>LNK4:120<br>49<br>LNK4:132<br>LNK4:133 |          |
| 10 IF(IX-3) 20,20,50 20 INDICT=INDICT+16 GD TO 66 30 INDICT=INDICT+4 GD TO 60 40 INDICT=INDICT+3 GD TO 60 50 INDICT=INDICT+32 60 IF(MORS-EQ,MS) INDICT=INDICT+256 FFSMI=0 IF(C,EQ,C)GD TO 80 NNYCDS=4+C READIS,71003(FFSPC(K),K=1,NNYCUS) OO 70 I=1, NNCCUS 70 CALL BPDINT(FFSPC(I),0)         | LNK4:1136<br>LNK4:1120<br>LNK4:121<br>LNK4:122<br>LNK4:123<br>LNK4:123<br>LNK4:127<br>LNK4:127<br>LNK4:120<br>49<br>LNK4:132<br>LNK4:133 |          |

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LNK41138
LNK41139
 90 WRITE(5,1001)
 $10P
7 WRITE(6.333)
 67
 32A,3HUZ-137AR A3-132A,3HU3-137AR MATERIAL A3-137A,3HU3-137AR MATERIAL A3-137AR A3-137AR MATERIAL A3-1
 LNK41108
LNK4.143
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 SISFIC COMBR
 03/01/66
 - FEN SOURCE STATEMENT - IEN(S) -
 COMBR
 SUBROUTINE COMB(KEYCOM, COMBIN)

INTEGER COMBIN

OIMENSICH KEYCOM(1), J(18)

OATA KAY/HK/

DD 1 M=1, COMBIN

1 KEYCOM(M)=0

OO 3 L=1, COMBIN

READ 15, LOOC) IK, (J(N), N=1, 18)

IF(IK-NELKAY) GO TO 7

OO 2 M=1, 18

2 KEYCOM(1)=2 × X Y COM(1) + J(M)

KEYCOM(1)= X Y Y COM(1) + 262 144

3 WRITE (6, LOO1) [, KEYLOM(1), (J(N), N=1, 18)

RETURN

7 STOP

1000 FORMAT(A1, 9X, 1811)

1001 FURMAT(13 MOKEYCOM MASK , 12, 1X, 1M=, 1X, 012, 1X, 77 HOCT , THEREFORE, COUN

1TING FROM LEFT TO RIGHT, THE BIT POSITION INDICATES MMETHER/16X, 1H(
2, 1811,
 SUBROUTINE COMBIKEYCOM, COMBINI
 11
 29
 2.1811.

2 1H),4x,7chime respective String Output Hill (;) OR HILL NOT (

30) BE ADDED TO THIS/40X,24HKEYCOM STRING SUMMATION.)
 01/28/66
 PAGE 214
 - EFN SOURCE STATEMENT - IFN(S) -
 NETCH
 SUBROUTINE NETCHG(DT, EPSLN, MSTEP, GSAT, MS, MI, FPLS, FMINS, FPLI, FMINI, 1ESUM, NEXT, NULEV, ISM, SNEXT)
DIMENSION NEXT(1), MS(1), MI(1), FPLS(1), FMI, S(1), FPLI(1), FMINI(1), 1ESUM(1), SNEXT(1)
LOGICAL G
GOTO(10,10,10,20,20,30,40), ISM
D READ(5,1001)DT, EEPSLN, MMSTEP, GGSAT
CALL BTOF(EPSLN,1, MEPSLN)
CALL BTOF(EPSLN,1, MEPSLN)
CALL BTOF(EPSLN,1, MESAT)
MRITE(6,1002)DDT, MDT, EEPSLN, MEPSLN, MMSTEP, WMSTEP, GGSAT, MGSAT
CALL BPOINT(DDT,0)
CALL BPOINT(DDT,0)
CALL BPOINT(GGSAT,1)
CALL BPOINT(GGSAT,1)
(F(DDT,E0,0)T,AND,EEPSLN,EQ,EPSLN,AND,MMSTEP,EQ,MSTEP,AND,GGSAT
1.EQ,GSATIGOTC 12

• STOME NEW NETWORK PARAMETERS.
DT=DDT
C
 •• STONE NEW NETWORK PARAMETERS.
DT=ODT
FPSLN=EEPSLN
MSTEP=MNSTEP
GSAT=GGSAT
•• INITIALIZE FOR COMPONENT ADDRESSES -- 1ST COMPONENT.
 NEXT(L) IS THE FIRST WORD OF EACH COMPONENT AND THE VALUE OF NEXT(L) 'S THE ADDRESS OF THE NEST COMPUNENT.ETC.
 L=1
M=-NEXT(L)-12483
GDTO(20,40,30),ISM
12 WRITE(6,1003)
STOP
 20 K=0
```

Commence of the state of the st

```
DO 39 I-I, NULEY

OF READ LEVEL CARD FOR NEW LEVEL PARAMETERS. ONE CARD PER LEVEL.

LEVEL ARRAY IS TEN VARIABLES PER LEVEL AND UP TO 15 LEVELS.

BEADIS, POOD-LEVI, MMS, PMI, FFPLS, FFMINS, FFPLI, FFMINI, EESUM

CALL BPBINT(MMS, 5)

CALL BPBINT(MMI, 5)

CALL BPBINT(FFPLS, 0)

CALL BPBINT(FFMINI, 0)

RS(K-1)=MMS

RI(K-1)=MMS

FMINS(K-1)=FFMINS
 34
38
39
41
43
45
47
49
51
 FMINS(Kal)=FFMINS
FPL1(K+3)=FFPL1
FMINI(Kal)=FFMIHI
 SUM (K+1)-EESUM

-- CHANGE LEVEL VALUES. GO TO END OF THE DO LOOP.

IF(15M-EQ-5)GO TO 39
 PAGE 215
 01/28/66
 NETCH
 - EFN SOURCE STATEMENT - IFN(S) -
 HEAR LEVEL COMPONENT CARD FOR COMPUTING C-BALUE.
 30 READ(5,2006)[SX,[S],[PX,[P],GSX,GS1,GPX,GP1
 63
 SH-1SH
CBX-SX-6SX
 SL-1SI
CSI-SI-6SI
PX-IPX
CPX-PX-6PX
 CALL BIOF(GSAT.GGSAT)
 68
 IF((SX+8GSAT).GE.CSX.AND.(S)+GGSAT).GE.CS(.AND.(PX+GGSAT).GE.CPX
1.AND.(PX+GGSAT).GE.CPI)GO TO 31
 72
 WRITE (641007)
 STOP
 STOP
CALL BPBINT(CSX,6)
CALL BPBINT(CSI,6)
CALL BPBINT(CPX,6)
CALL BPB
 76
78
 80
 GO-FALSE.

1FICSX.EQ.SNEXT(L+4).MND.CS1.EC.SNEXT(L+5).AND.CPX.EQ.SMEXT(E+6)

1.AND.CP3.EQ.SNEXT(L+7)) G=-TRUE.

•• COMPARE MODE TO LOGICAL C-VALUE RESULT. FALSE IS ERROR IN C-VALUE OR MODE.

1FI(15N.EQ.3).AND.G.OR.14SM.NE.3J.AND..NOT.G)GOTO 41

•• STORE NEW C-VALUES IN EACH COMPONENT OF THIS LEVEL.

2 SAEXT(L44)-CSX
C
C
 SNEXT(LAS)=CS1
SNEXT(LAS)=CPX
SNEXT(LAT)=CPI
 33 Let. M

1F(NEXTEL).LE.01GO TO 34

•• A MINUS INDICATES A NEW LEVEL.
C
 OF A MINUS INDICATES A NEW LEVEL.

IF(ISM.NE.3)GO TO 32

OF MODES OTHER THAN 3 REQUIRE STORING OF NEW C-VALUES IN EACH

COMPOMENT OF THIS LEVEL. MODE 3 ONLY TESTED G-WEIGHT CONSISTENCY

BECAUSE OF CHANGE IN GSAT.
 Ç
 GO TO 39

-- DETERMINE NEW INDEX INCREMENT FOR DISTANCE BETWEEN COMPONENTS
ON THE MEN LEVEL.
 34 Met-H
Me-NEXTOL)-MEXT(M)
 MO-NEXTOL)-MEXT(N)
IF(ISM.EQ.1.OR.ISM.EQ.4)GO TO 39
 41 MRTTE(6,1008)
STOP
1001 FORMAT(F9.9,F9.9,F9.6,F9.7)
1003 FORMAT(81H THE NETWORK PARAMETERS WERE NOT CHANGED. CHECK RESTARY
 125
 IMODE OR RESTARTEAL CARD.)
 01/28/66
 PAGE 216
 NETCH
 - EFN SOURCE STATEMENT - IFN(S) -
 1002 FORMAT(1H1,46x,29H CHANGE IN NETWORK PARAMETERS/1H0,51x,3MMEN,11x,13MDLD/1H0,40x,2HDT,10x,F9.9,6x,F9.9/40x,5HEPSLN,7x,F9.9,5x,F9.9/240x,5HB3TEP,4x,F9.0,5x,F9.6/40x,4HGSAI,6x,F9.7,5x,F9.7)
1004 FORMAT(166,2F9.7,4F9.9,F9.5)
1005 FORMAT(164,2F9.7,4F9.9,F9.5)
1005 FORMAT(4x,46/1x,4HMMS=,F9.7,2x,4HMMI=,F9.7,2x,6HFFPLS=,F9.9,7HFFN 11NS=,F9.9,2X,6HFFPLS=,F9.9,2X,7HFFMINI=,F9.9,2X,6HESUM=,F9.5/1H0)
1006 FORMAT(43,4F4.3)
1007 FORMAT(44H GWEIGHTS ARE INCONSISTENT FOR RESTART. CHECK RESTART(C) L CARDS OR (A) CARD FOR GSAT.1
1008 FORMAT(49H INCORRECT RESTART MCDE OR BAD RESTART(C) CARDS...)
END
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## SUBROUTINE NETCHG

|                                                                                                      |                                                 |                                                                 |                                                                                       | UND 1#                                                       | ENSTONED F                                                                                                          | PROGRAM VA                                                                           | RIABLES                                  |                                                                                                    |                                                                                                             |                                                                |
|------------------------------------------------------------------------------------------------------|-------------------------------------------------|-----------------------------------------------------------------|---------------------------------------------------------------------------------------|--------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|------------------------------------------|----------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| SYMBOL<br>G<br>MMSTEF<br>HEPSLR<br>J<br>K<br>MMS<br>FFMIKS<br>EESUP<br>IPX<br>GSI<br>SX<br>CSI<br>PI | 000<br>000<br>000<br>000<br>000                 | 01<br>04<br>07<br>112<br>515<br>223<br>226<br>031<br>334        | TYPE L I R ! I R ! I R R R R R R                                                      | SYMBOL DDT GESAT WMSTEP L I HMI FFPLI ISX IPI GPN CSX PX CPI | LOCATIC<br>00002<br>00005<br>00010<br>00013<br>00016<br>00021<br>00024<br>00027<br>00032<br>00035<br>00040<br>00040 | R<br>R<br>I<br>I<br>I<br>R<br>R                                                      | PE                                       | SYMBOL<br>EEPSLN<br>WOT<br>WESAT<br>W<br>LEVI<br>FFPLS<br>FFMINI<br>ISI<br>GSX<br>GPI<br>SI<br>CPX | LOCATION<br>00003<br>00006<br>00011<br>00014<br>00017<br>00022<br>00025<br>00030<br>00033<br>00036<br>00041 | TYPE<br>R<br>R<br>R<br>I<br>I<br>R<br>R<br>R<br>R<br>R         |
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| 13 ABSTRACT                                                                             | joyatama community wing it a test bount to joine                                                   |
| ,<br>,                                                                                  |                                                                                                    |
| Because of the large number of                                                          | network combinations and parameter variations                                                      |
|                                                                                         | twork, a program for simulating the nets on a                                                      |
| digital computer is being develope                                                      | ed to aid in determining the most efficient nets for                                               |
|                                                                                         | investigation of network and parameter variation                                                   |
| -                                                                                       | and design criteria for neuromime devices with                                                     |
|                                                                                         | lities. The simulation provides as a tool, a mear                                                  |
| · ·                                                                                     | networks with desired statistical restraints and a                                                 |
| training phase which alters the ne                                                      | twork in such a manner as to force the actual res-                                                 |
|                                                                                         | se. The generalized nature of the nets used is th                                                  |
| essence of the research effort. Ap                                                      | ppendix II contains the neuromime simulator outpu                                                  |
|                                                                                         |                                                                                                    |
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